Sysax FTP Automation User Manual

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1

Introducing Sysax FTP Automation

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1.1. Introduting to Sysax FTP Automation

Sysax FTP Automation is a scripting and scheduling program for Microsoft Windows that enables the **creation**, **debugging**, and **execution of file transfer related tasks**.

Secure file transfers

Sysax FTP Automation supports **SSH2 based SFTP**, **SSL/TLS based FTPS**, and **regular FTP**. Public key authentication and client side SSL certificates are also supported.

Easy automation

Automation wizard automatically generates file transfer scripts that can be customized and fine tuned. An integrated **editor** and **debugger** enable scripts to be stepped through line by line to debug them. The integrated scheduler runs as an NT service and can execute both scripting tasks and other programs.

Outstanding value

File transfer scripts can be executed using the scheduler or from within other **scripts** or **programs**. The Enterprise edition supports execution of up to 16 file transfer tasks simultaneously. A Personal edition of the product is available free for non commercial use.

It is easy to **install** and does not require advanced IT skills to manage. The program can even be used as a direct replacement for the **ftp.exe** command line program that ships with Windows.

2

Minimum System Requirements

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2.1. System Requirements

Sysax FTP Automation runs on all versions of the **Microsoft Windows operating system** including

- **Windows 95**
- **Windows 98**
- **Windows ME**
- **Windows 2000**
- **Windows XP**
- **Windows 2003**
- **Vista**

The minimum **hardware** required to run **Sysax FTP Automation** is

- **Pentium Class or higher processor**
- **At least 16MB of free system RAM**
- **At least 10MB of hard disk space**
- **Connection to the internet or local network**

3

How to Install and Uninstall

3.1. Install/Uninstall Sysax FTP Automation 6

3.1. Install/Uninstall Sysax FTP Automation

To install Sysax FTP Automation,

1. **Verify** that the setup file is digitally signed by **Codeorigin**,**LLC**
2. **Double click** on the setup file to run the **installation wizard**
3. Follow on-screen instructions to **install Sysax FTP Automation**

To uninstall Sysax FTP Automation,

1. Click the **Start** button on your computer
2. Select the All **Programs** Menu
3. Select **Sysax FTP Automation**
4. Click on **Uninstall Sysax Multi Server**
5. Follow on-screen instructions to **uninstall Sysax FTP Automation**

OR

1. Click the **Start** button
2. Select **Settings**
3. Select **Control Panel**
4. Select **Add/Remove Programs**
5. Choose **Sysax FTP Automation** from the list
6. Click **Add/Remove** button
7. Follow on-screen instructions to **uninstall Sysax FTP Automation**

4

Selecting and installing a license

4.1. Selecting and installing a license 8

4.1. Selecting and installing a license

The **Sysax FTP Automation** installation package contains a 30 day trial license for the product. After the trial has expired, you will need to choose one of the following product editions. **Please visit** http://www.sysax.com to purchase a product license.

Enterprise Edition

Licensed for commercial use and includes the **script generation wizard**, **script editor**, **integrated script debugger**, and the **sysaxftp.exe console program** that is a secure command line replacement for **ftp.exe**. This edition also supports the execution of up to 16 tasks simultaneously.

Professional Edition

Licensed for commercial use and includes the **script generation wizard**, **script editor**, **integrated script debugger**, and the **sysaxftp.exe console program** that is a secure command line replacement for **ftp.exe**.>

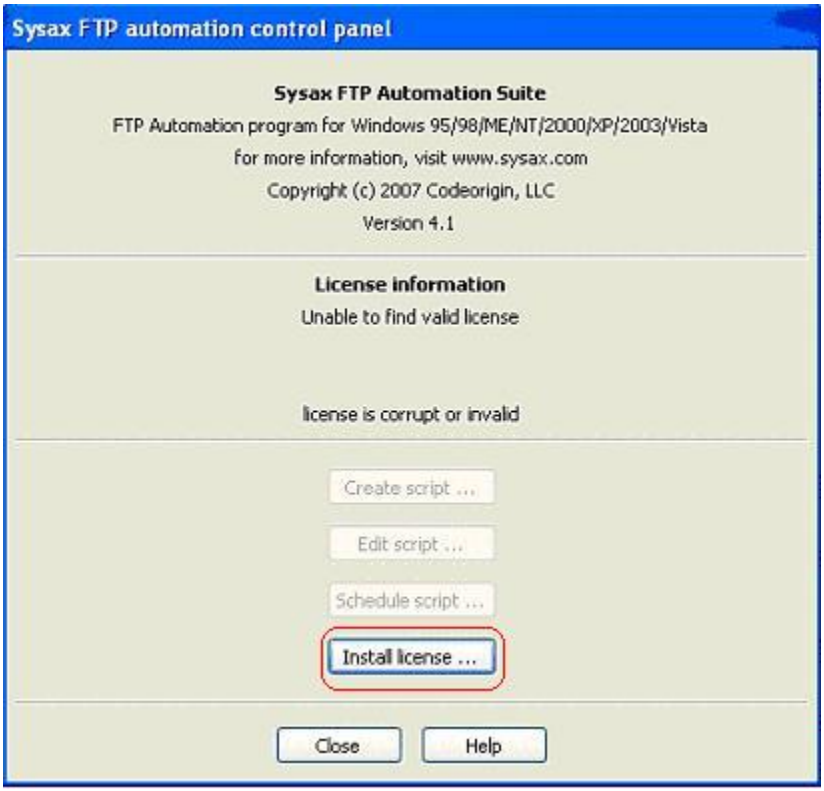
Personal edition (also known as the Free edition)

Licensed only for personal use and supports the execution of up to **15 script commands** and the **sysaxftp.exe console program** that is a secure command line replacement for **ftp.exe**.

To install a license,

1. Open the **Sysax FTP Automation Administration panel** and click the **Install License** button.
2. Select the **license key file** and click the **Open** button. The license key should now be installed.
3. Restart **Sysax FTP Automation**.

Figure 4.1. Install License



5

How to get technical support

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5.1. Get technical support

Technical support for Sysax FTP Automation is provided by an online support system. Please visit http://www.sysax.com/support to submit a support ticket or to check the status of an existing support ticket.

6

Creating and editing a new script

6.1. Create New Script 13
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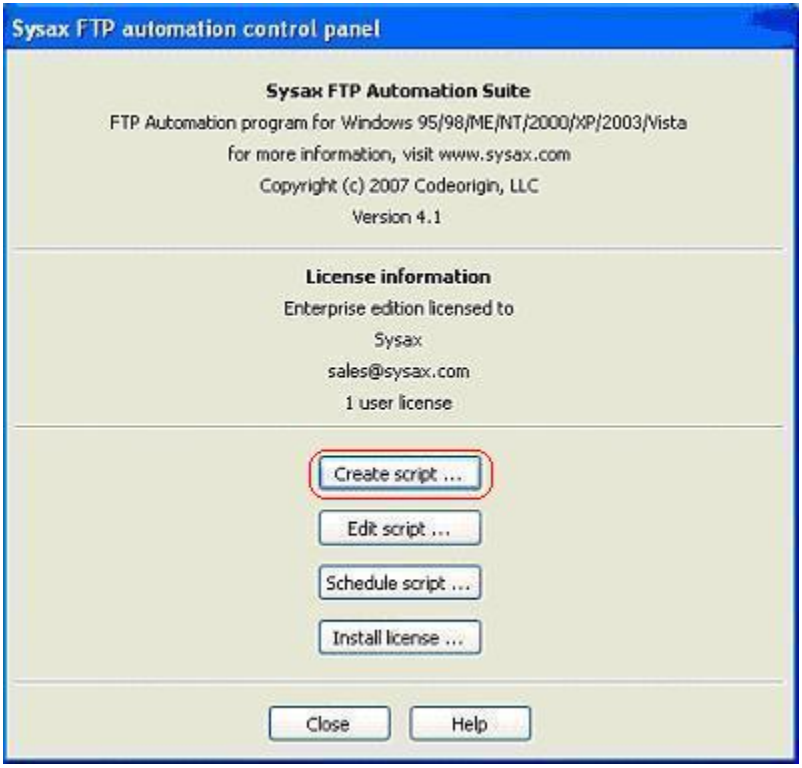
6.1. Create New Script

To create a new script

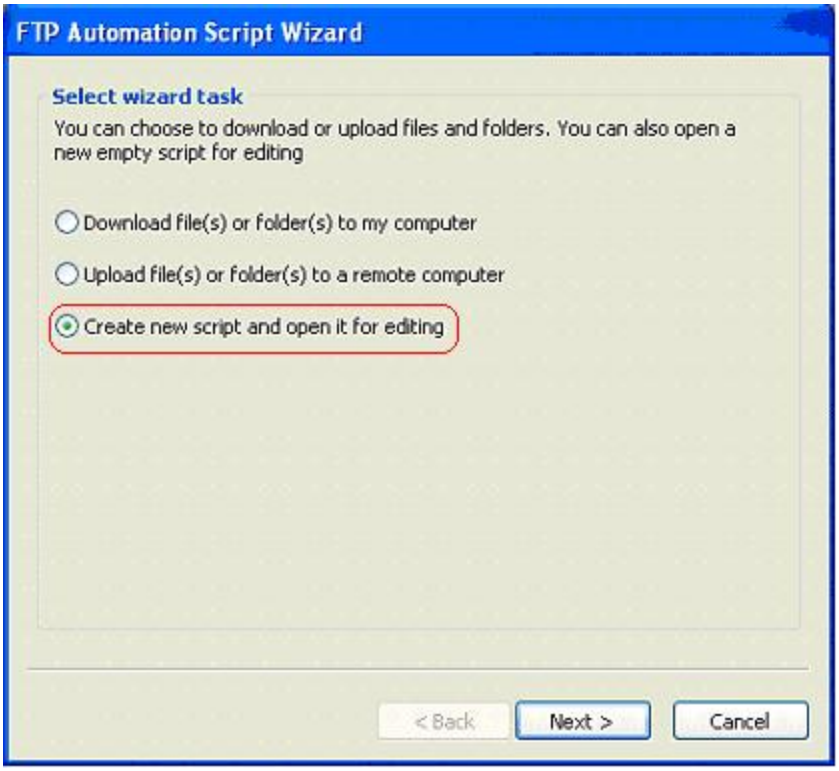
1). In the **Sysax FTP Automation Control Panel,** click the **Create Script** button.

Figure 6.1. Click Create Script



2). Select **Create new script and open it for editing,** then click **Next** button.

Figure 6.2. Create New Script


FTP Automation Script Wizard
Select wizard task
You can choose to download or upload files and folders. You can also open a new empty script for editing
Download file(s) or folder(s) to my computer
Upload file(s) or folder(s) to a remote computer
Create new script and open it for editing
< Back
Next >
Cancel

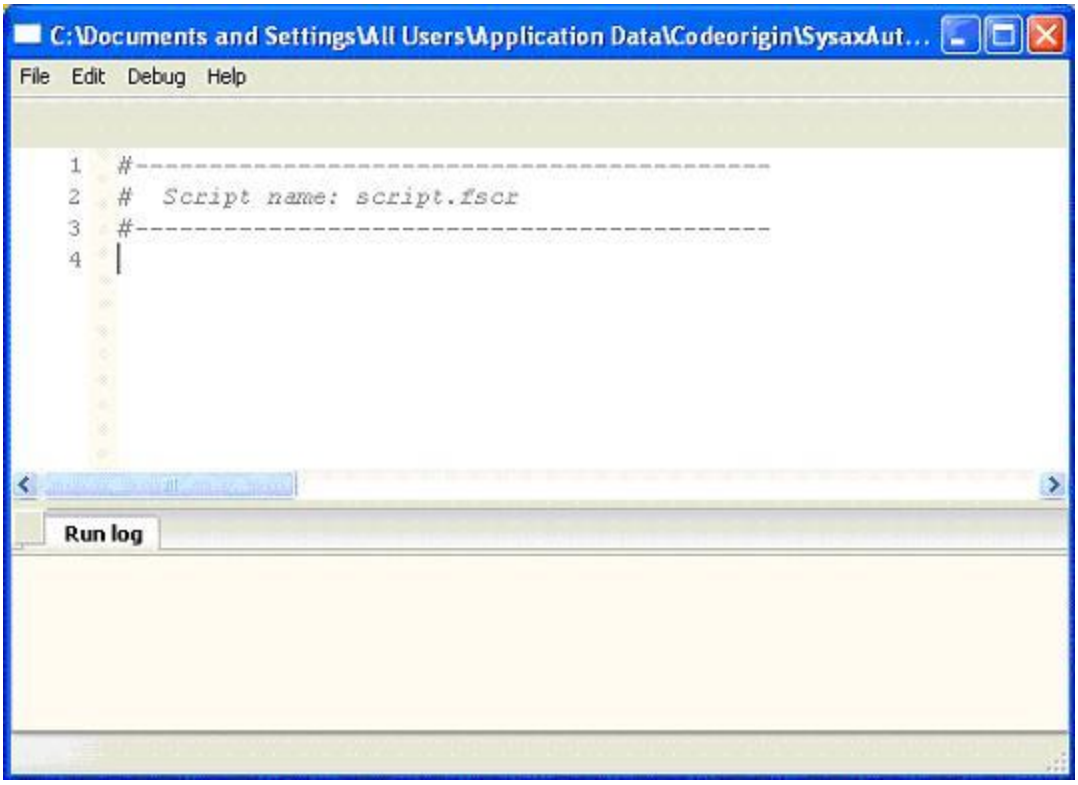
3). Enter the **script name**.
4). Enter the **path name** to the script to be stored using **Browse** button.
5). Click **Finish** button.

Figure 6.3. Enter the name for the script

FTP Automation Script Wizard
Create new script file
Type in a name for the script file and select the folder where the script file should be saved. A ".fscr" extension will be appended to the end of the script name
Script name:
script.fscr
Script path:
C:\Documents and Settings\All Users\Application Da
Browse...
< Back
Finish
Cancel

6). **New script** is created to write the program.

Figure 6.4. New Script Window

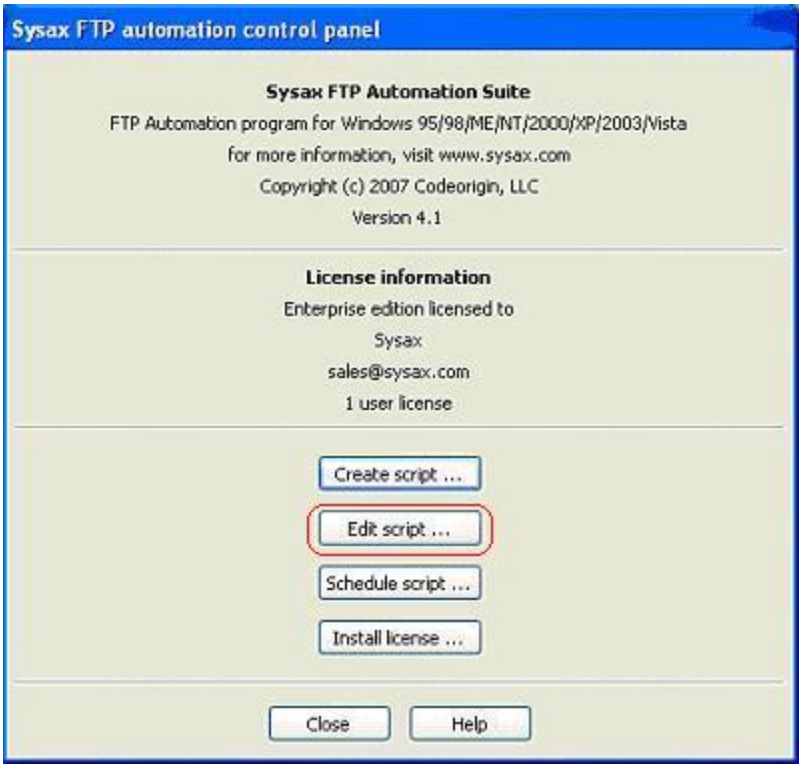


6.2. Edit a script

To edit a script,

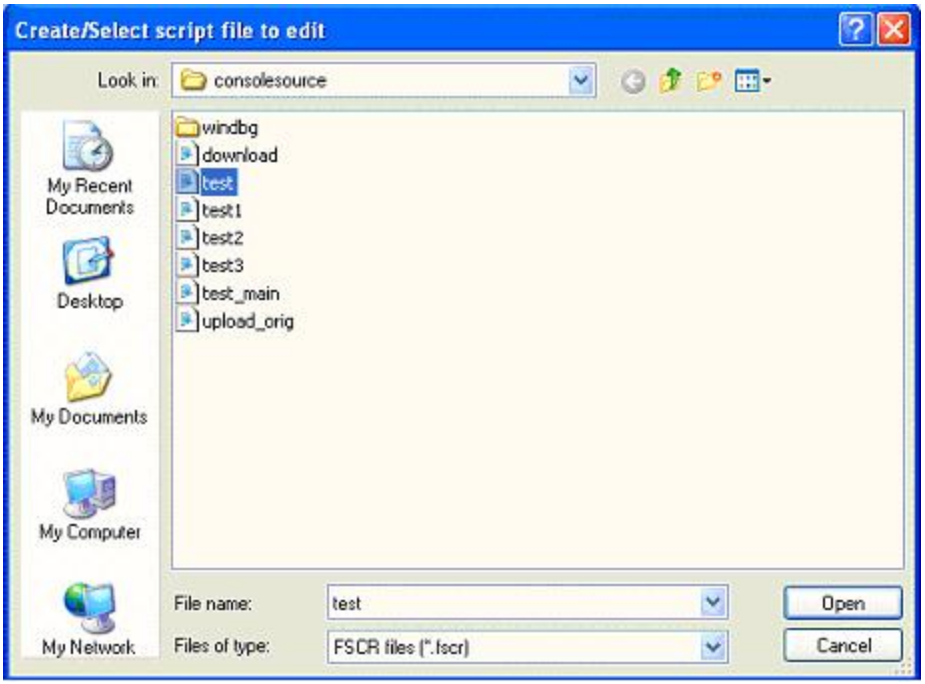
1. In the **Sysax FTP Automation control panel,** click **Edit Script** button.

Figure 6.5. Edit script



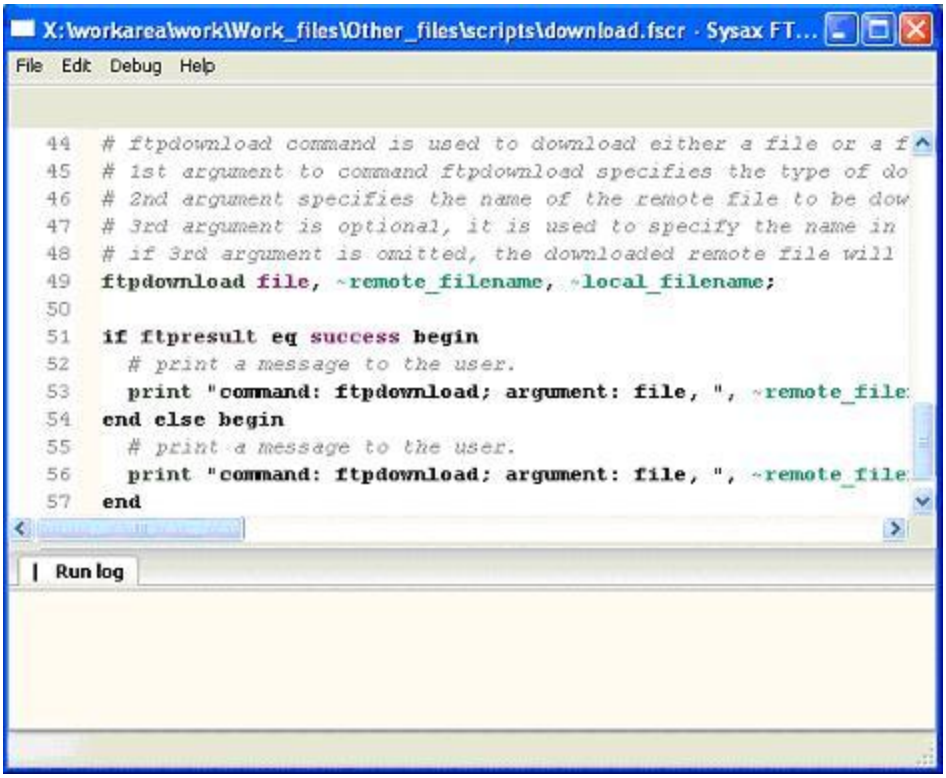
2. **Create/Select script file to edit** window is displayed. From that, select the script which user want to edit.
3. Open the script using **Open** button.

Figure 6.6. Select the script for editing



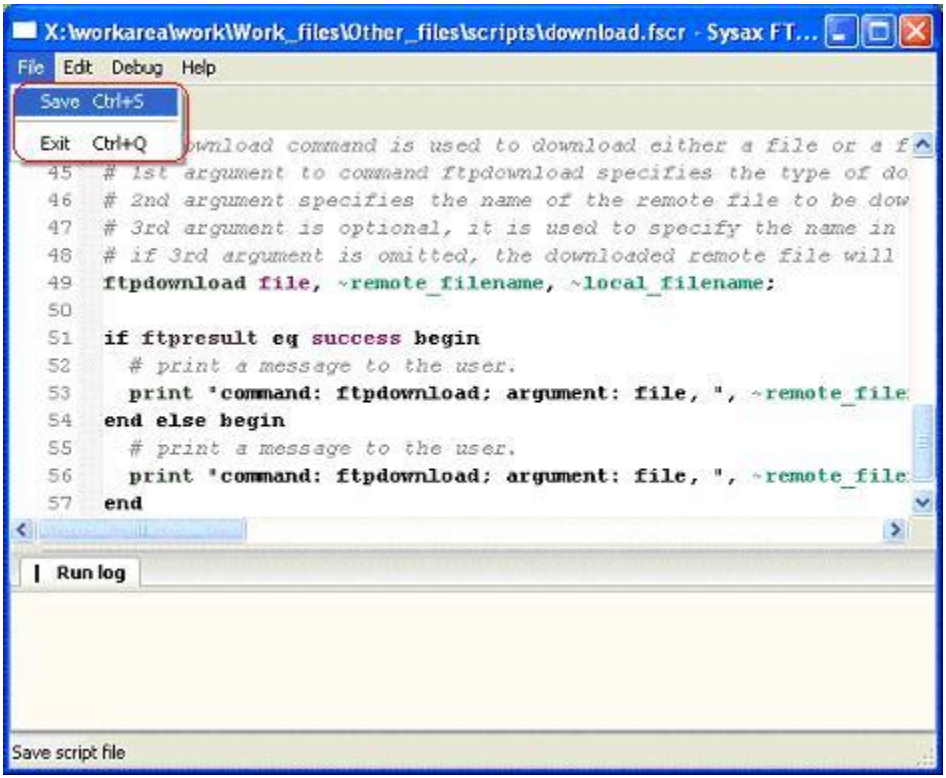
4. The selected script will open in the **Sysax FTP Script Development Environment** window.

Figure 6.7. Open the script for editing


X:\workarea\work\Work_files\Other_files\scripts\download.fscr - Sysax FT...
File Edit Debug Help
44 # ftpdownload command is used to download either a file or a f
45 # 1st argument to command ftpdownload specifies the type of do
46 # 2nd argument specifies the name of the remote file to be dow
47 # 3rd argument is optional, it is used to specify the name in
48 # if 3rd argument is omitted, the downloaded remote file will
49 ftpdownload file, ~remote_filename, ~local_filename;
50
51 if ftpresult eq success begin
52 # print a message to the user.
53 print "command: ftpdownload; argument: file, ", ~remote_file
54 end else begin
55 # print a message to the user.
56 print "command: ftpdownload; argument: file, ", ~remote_file
57 end
Run log

5. In the **File** menu, select **Save** option to save the edited script or press **Ctrl+S**

Figure 6.8. Save the script after editing


X:\workarea\work\Work_files\Other_files\scripts\download.fscr - Sysax FT...
File
Edit
Debug
Help
Save Ctrl+S
Exit Ctrl+Q
1st argument to command ftpdownload specifies the type of do
2nd argument specifies the name of the remote file to be dow
3rd argument is optional, it is used to specify the name in
if 3rd argument is omitted, the downloaded remote file will
ftpdownload file, ~remote_filename, ~local_filename;
if ftpresult eq success begin
print a message to the user.
print 'command: ftpdownload; argument: file, ', ~remote_file
end else begin
print a message to the user.
print 'command: ftpdownload; argument: file, ', ~remote_file
end
Run log
Save script file

7

Using the script wizard to generate a script

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7.1. Download a file or folder

The script is automatically generated by using **Script Wizard** for **downloading a file or folder.**

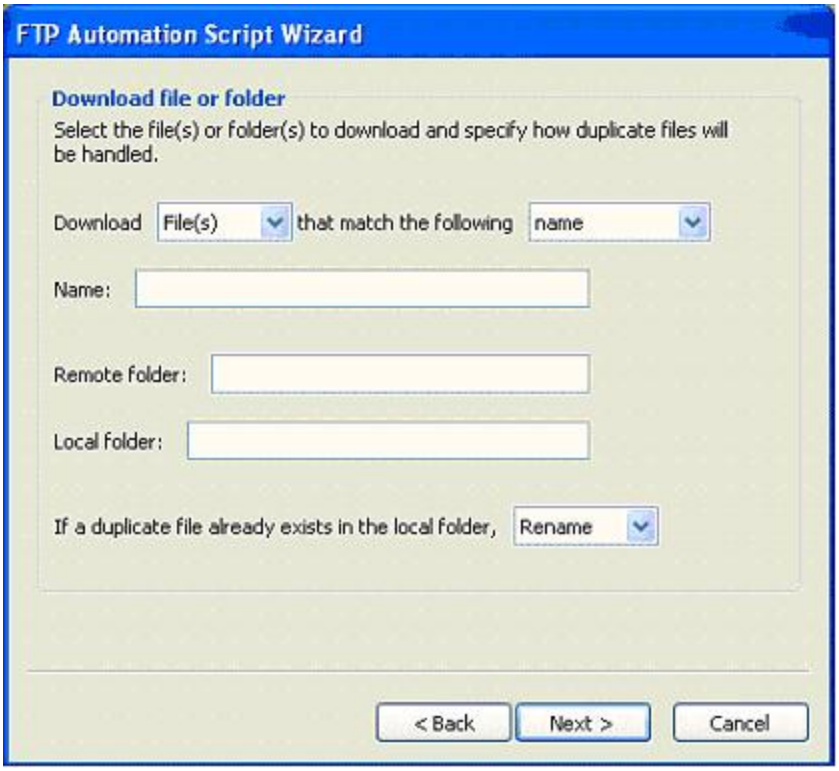
- **FTP Automation Script Wizard** dialog is displayed.
- Select **Download file(s) or folders(s) to my computer.**
- Click **Next** button.

Figure 7.1. Click Download the file

FTP Automation Script Wizard
Select wizard task
You can choose to download or upload files and folders. You can also open a new empty script for editing
Download file(s) or folder(s) to my computer
Upload file(s) or folder(s) to a remote computer
Create new script and open it for editing
< Back
Next >
Cancel

- In **FTP Automation Script Wizard** dialog, **Download file or folder window** is displayed.
- In this window, user must set **all parameters**.
- Click **Next** button.

Figure 7.2. Download Window

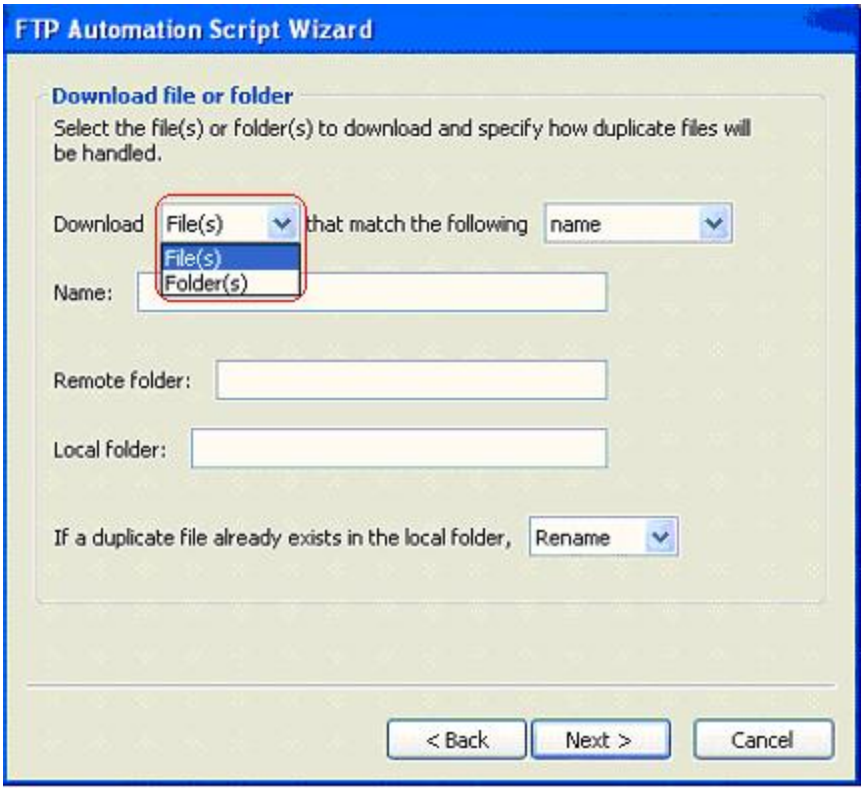


In the **FTP Automation Script Wizard,** select an item type.

Download item types:

1. **File(s)**
2. **Folder(s)**

Figure 7.3. Give file name for downloading

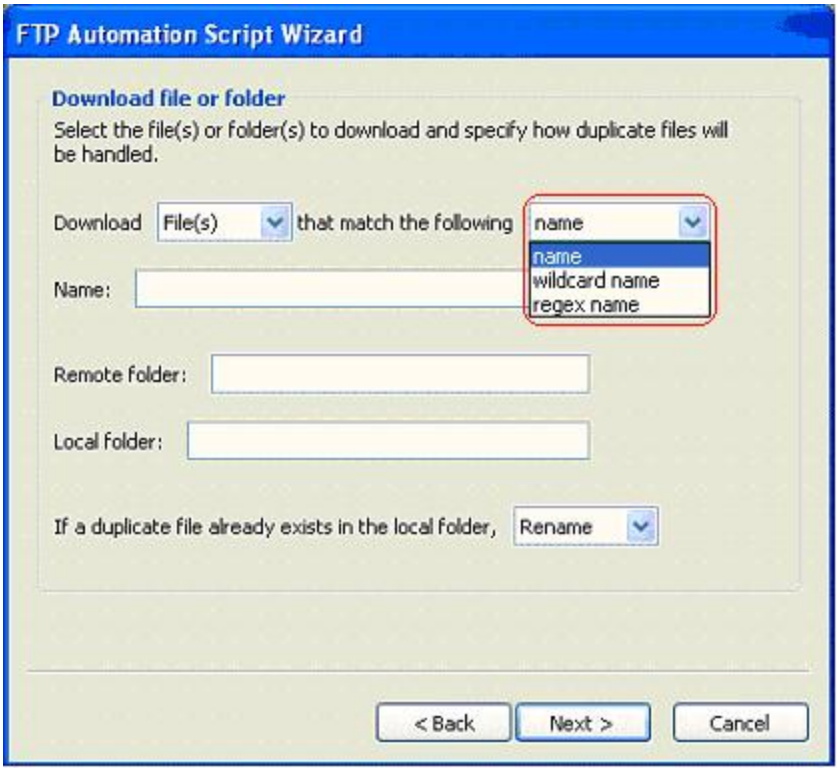


In the **FTP Automation Script Wizard,** select matching formats.

File or folder matching formats:

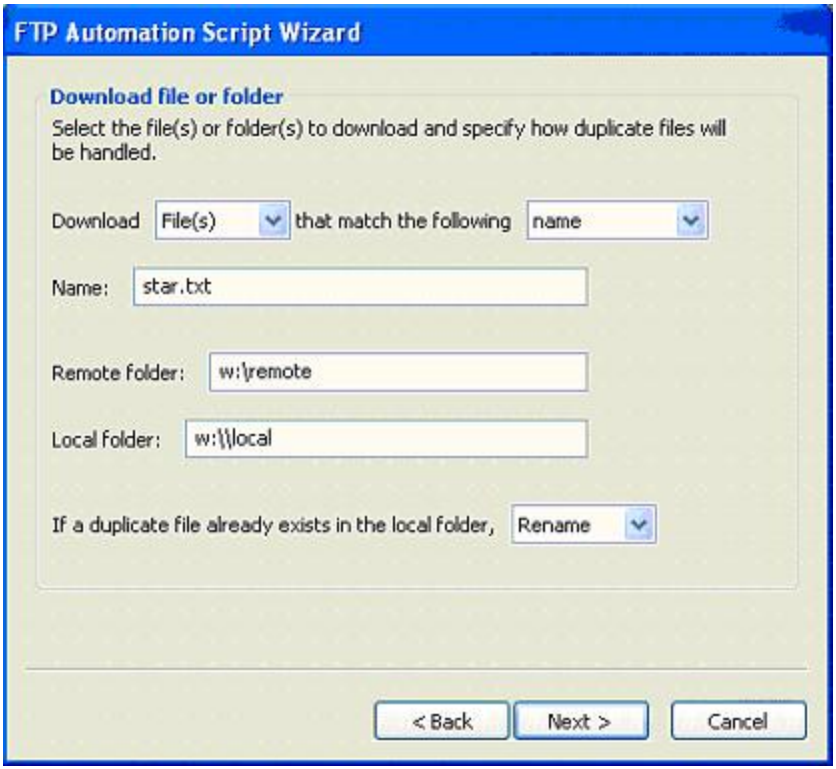
1. **Name** - The name of the file or folder is given by the user.
2. **Wildcard name** - The name of the file or folder must match a specific wildcard pattern.
3. **Regex name** - The name of the file or folder must match a specific regex pattern.

Figure 7.4. Select match format for downloading



4. Enter the **name** of the file or folder.
5. Enter the **remote** path and **local** path.

Figure 7.5. Enter the file name for downloading

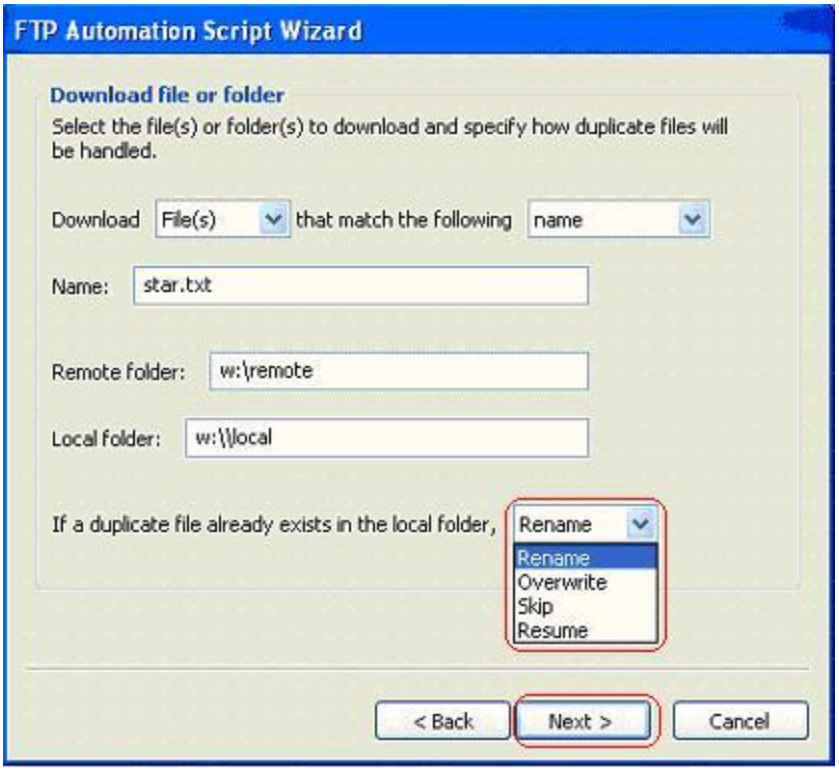


Rules to handle duplicate files:

1. **Rename** - If the file is already exist in local path, this option rename the file with extension .0503.
2. **Overwrite** - Overwrite a file that is already present in the local path.
3. **Skip** - Skip the file.
4. **Resume** - Resume the file.

Then click **Next** button.

Figure 7.6. Set duplicate file rules

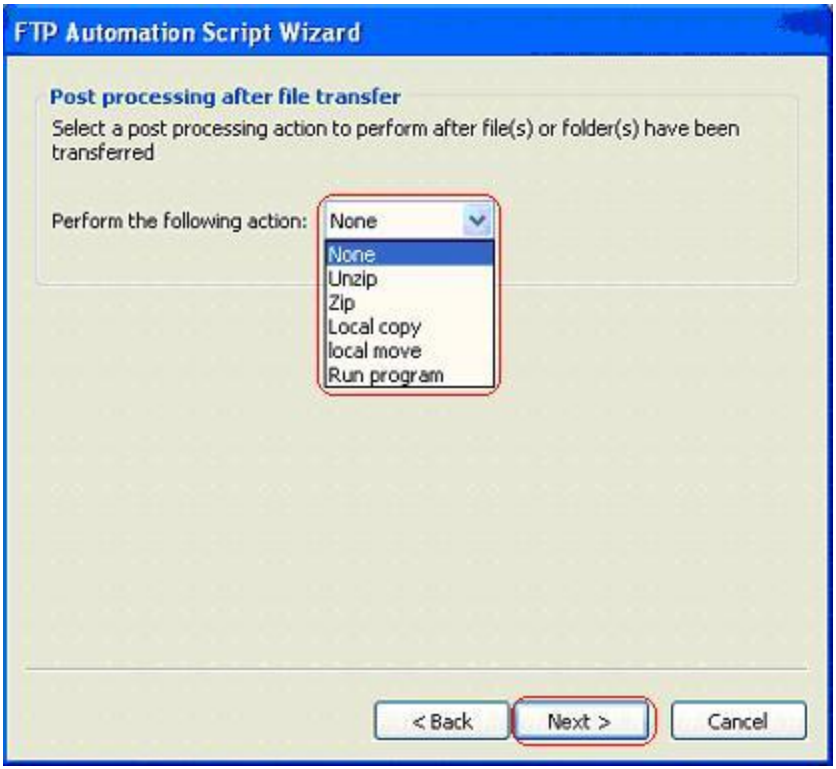


Actions performed after file is downloaded

1. **None** - No actions performed.
2. **Unzip** - Uncompress the zip file.
3. **Zip** - Compressing the file.
4. **Local copy** - Copy the file.
5. **Local move** - Move the file to the particular location.
6. **Run program** - Execute the file.

Click **Next** button.

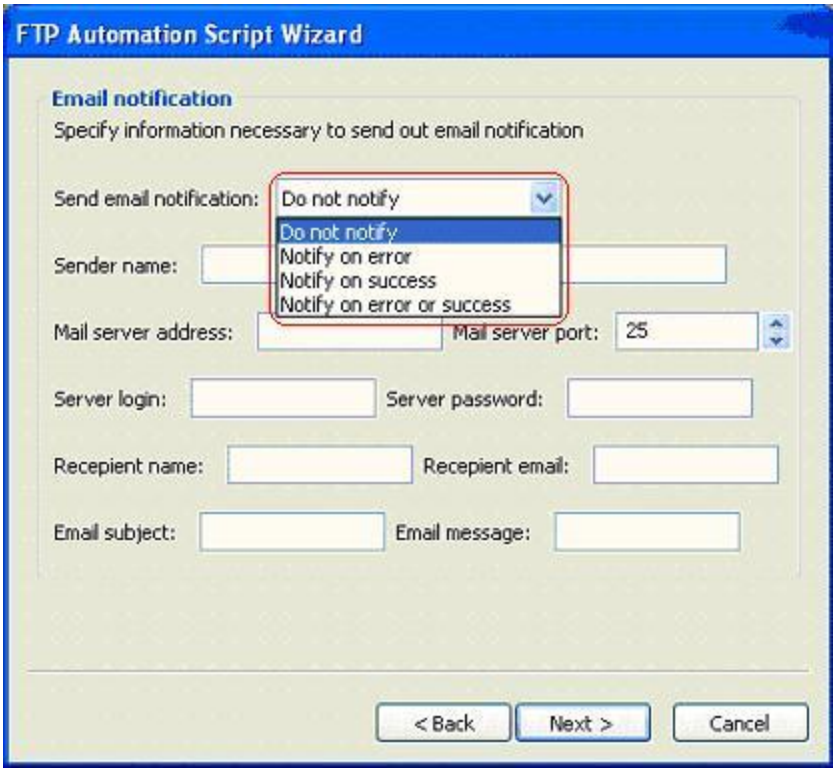
Figure 7.7. Actions performed after file downloading



Email Notification:

1. **Do not notify** - No mail notification needed.
2. **Notify on error** - Send a mail notification on error.
3. **Notify on success** - Send a mail notification on success.
4. **Notify on error or success** - Send a mail notification always.

Figure 7.8. Email notification for downloading

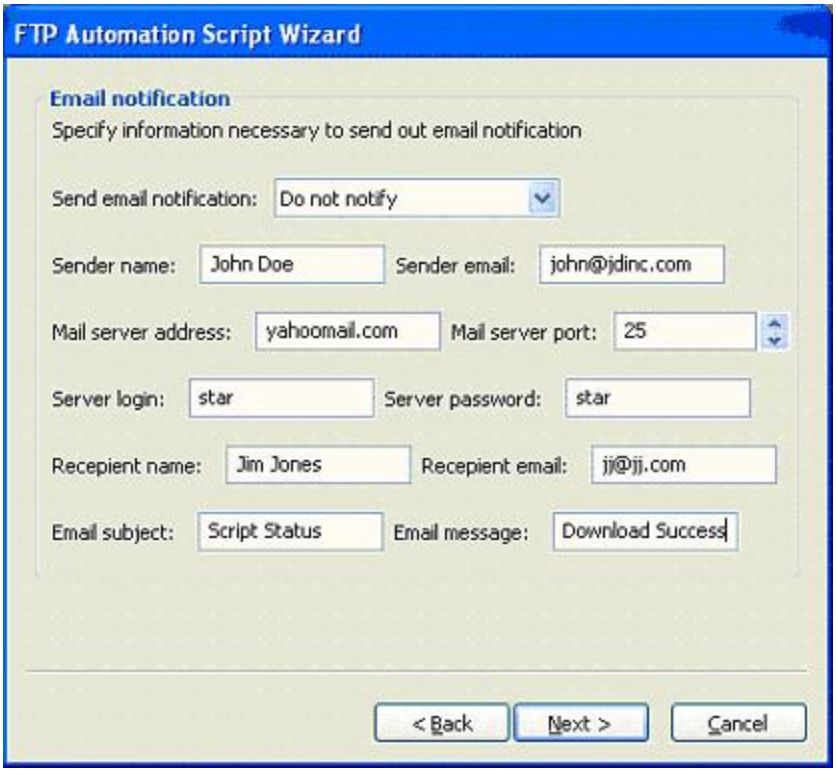


Enter the following email notifications:

Sender name, Sender email address, Mail server address, Mail server port, Server login, Server password

Then click **Next button.**

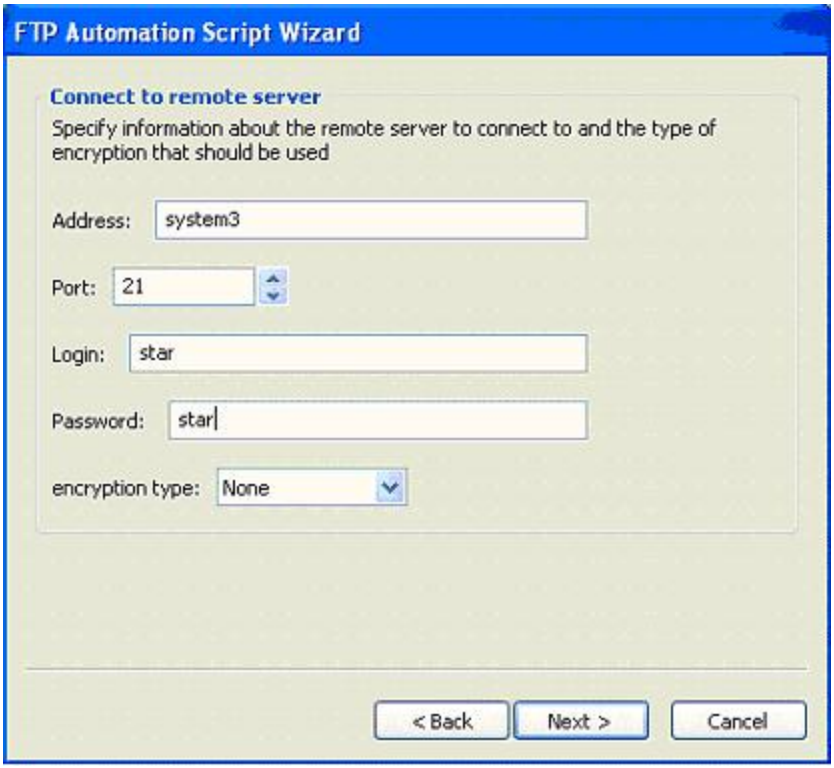
Figure 7.9. Email information for downloading



Connect to remote server:

Enter **Server address, Port number, Login and Password.**

Figure 7.10. Connect to the server for downloading

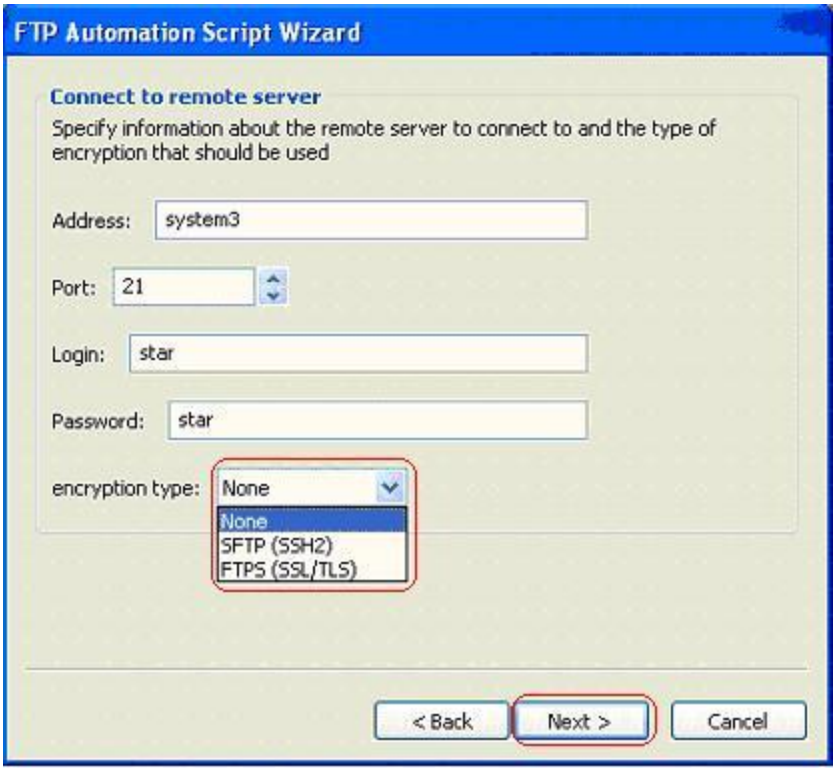


Encryption type:

1. **None** - No encryption is needed.
2. **SFTP(SSH2) -** Use SSH encryption.
3. **(SSL/TLS)** - Use SSL encryption type.

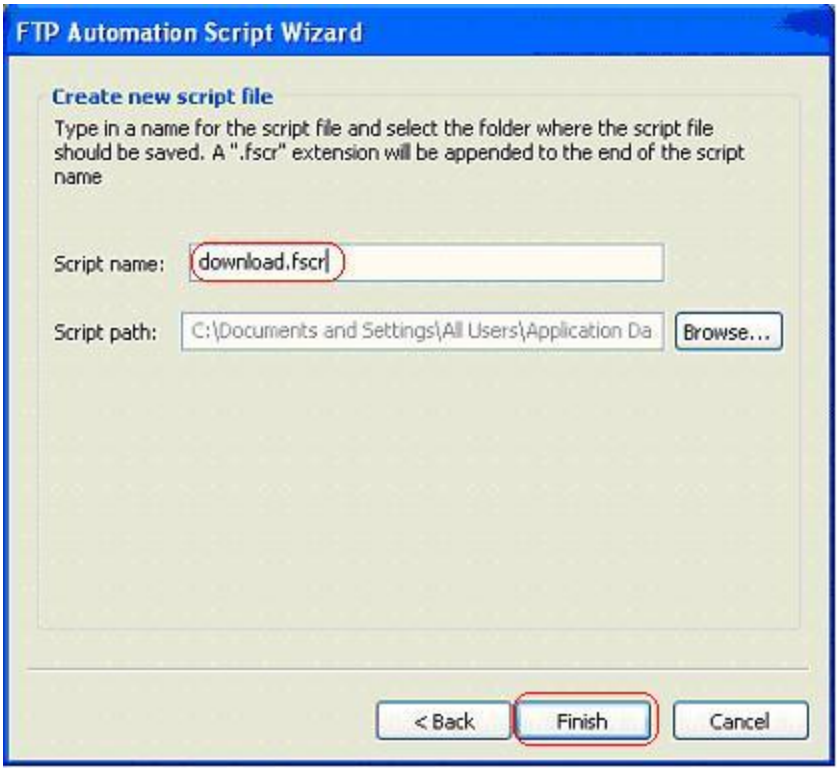
Then click **Next button.**

Figure 7.11. Select encryption type for downloading



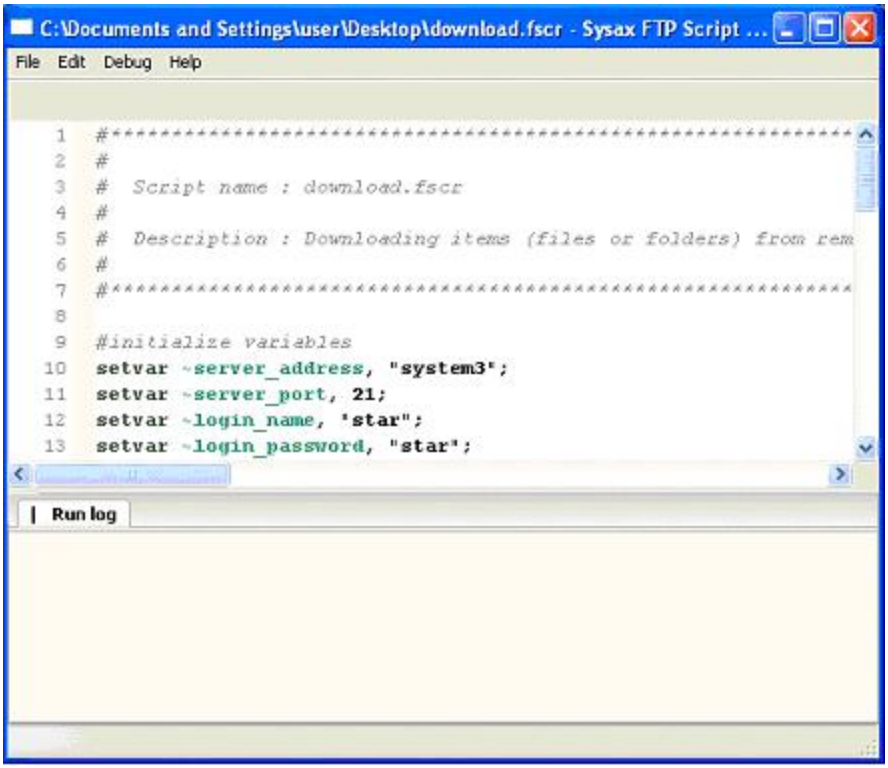
Enter the **script name** and **script path** using **Browse** button.
Then click **Next button.**

Figure 7.12. Enter the script name


FTP Automation Script Wizard
Create new script file
Type in a name for the script file and select the folder where the script file should be saved. A ".fscr" extension will be appended to the end of the script name
Script name:
download.fscr
Script path:
C:\Documents and Settings\All Users\Application Da
Browse...
< Back
Finish
Cancel

Now the script is generated for **downloading** a file or folder using **script wizard.**

Figure 7.13. Script is generated for downloading file

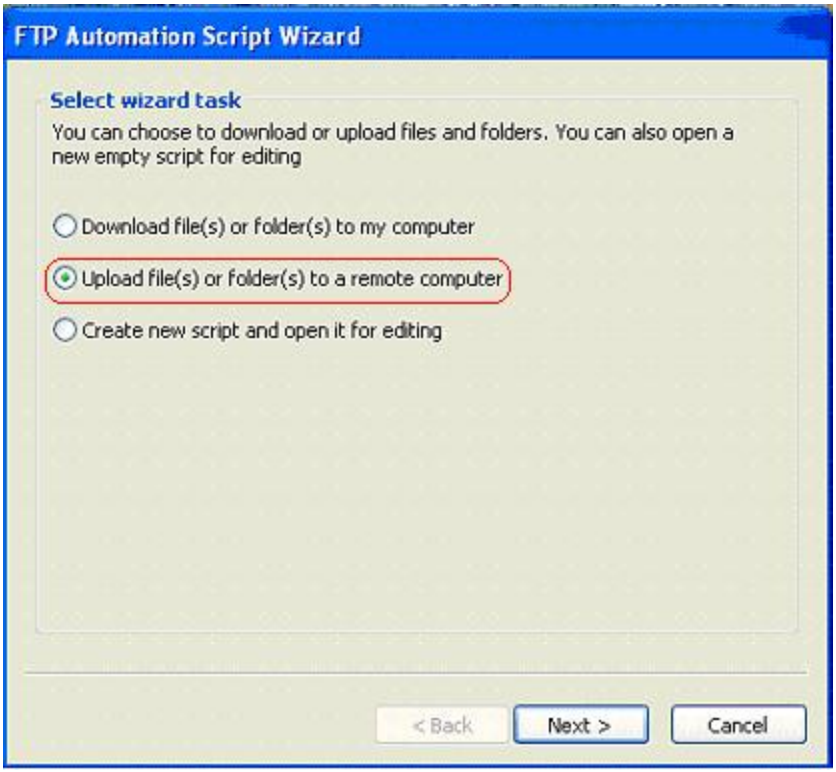


7.2. Upload a file or folder

The script is automatically generated by using **Script Wizard** for **uploading a file or folder.**

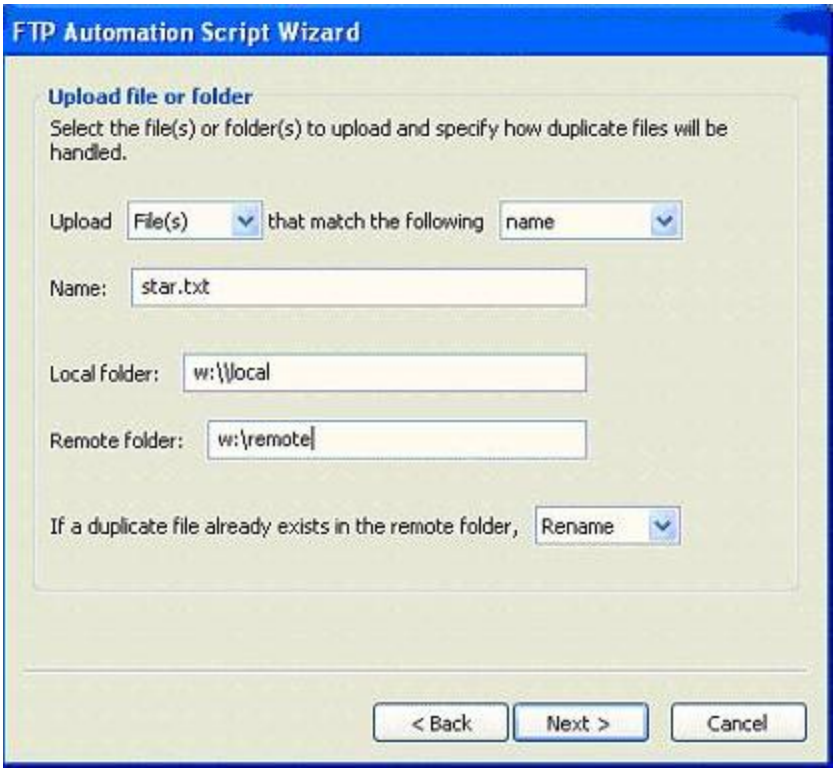
- **FTP Automation Script Wizard** dialog is displayed.
- Select **Upload file(s) or folders(s) to a remote computer.**
- Click **Next** button.

Figure 7.14. Click Upload folder


FTP Automation Script Wizard
Select wizard task
You can choose to download or upload files and folders. You can also open a new empty script for editing
Download file(s) or folder(s) to my computer
Upload file(s) or folder(s) to a remote computer
Create new script and open it for editing
< Back
Next >
Cancel

- In **FTP Automation Script Wizard** dialog, **Upload file or folder window** is displayed.
- In this window, user must set **all parameters**.
- Click **Next** button.

Figure 7.15. Upload Window

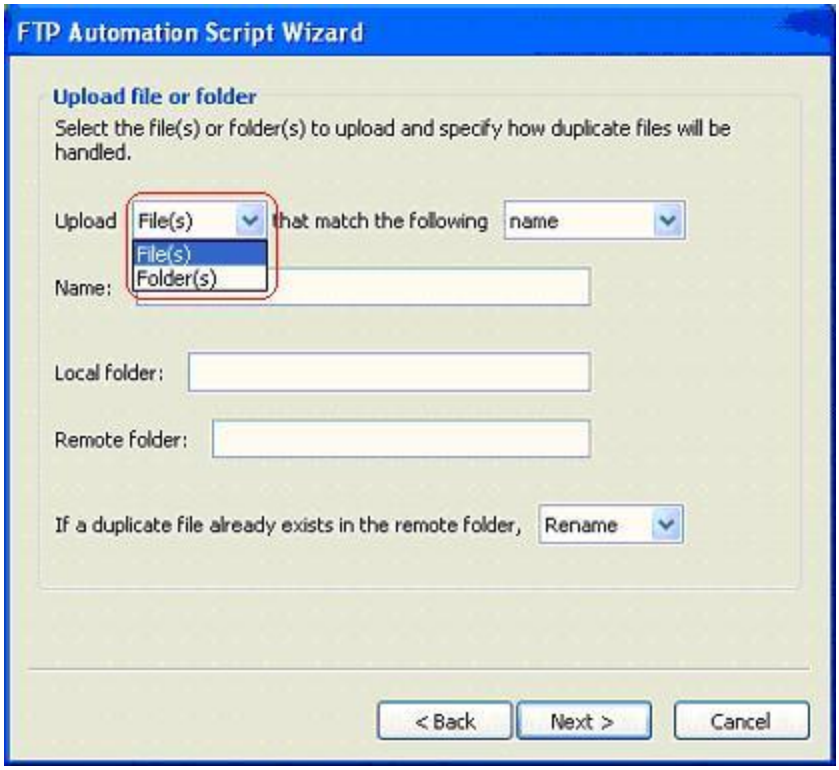


In the **FTP Automation Script Wizard,** select an item type.

Upload item types:

1. **File(s)**
2. **Folder(s)**

Figure 7.16. Select folder for uploading

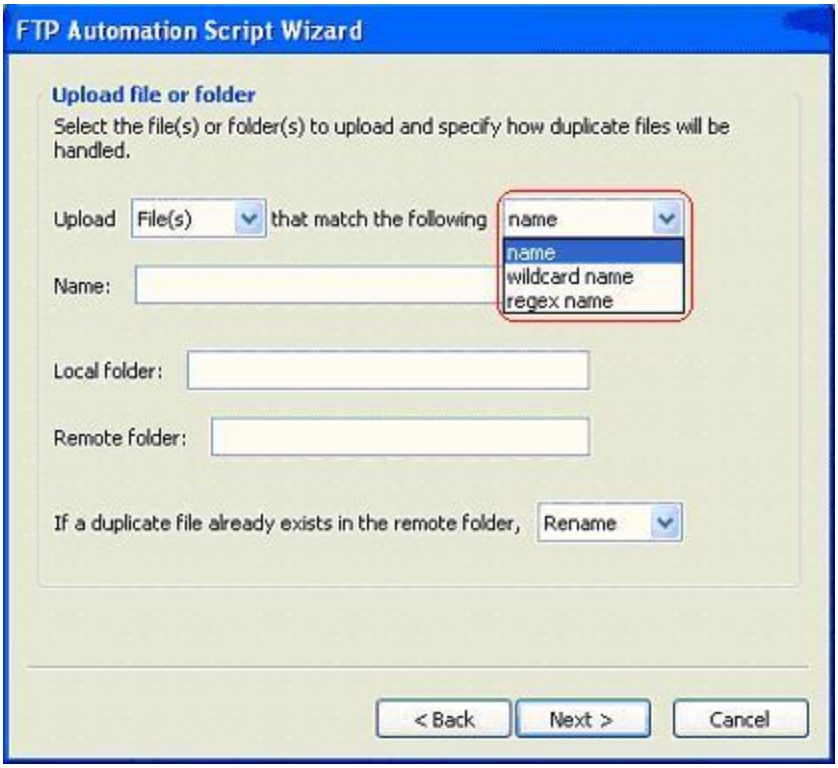


In the **FTP Automation Script Wizard,** select matching formats.

File or folder matching formats:

1. **Name** - The name of the file or folder is given by the user.
2. **Wildcard name** - The name of the file or folder must match a specific wildcard pattern.
3. **Regex name** - The name of the file or folder must match a specific regex pattern.

Figure 7.17. Select match format for uploading



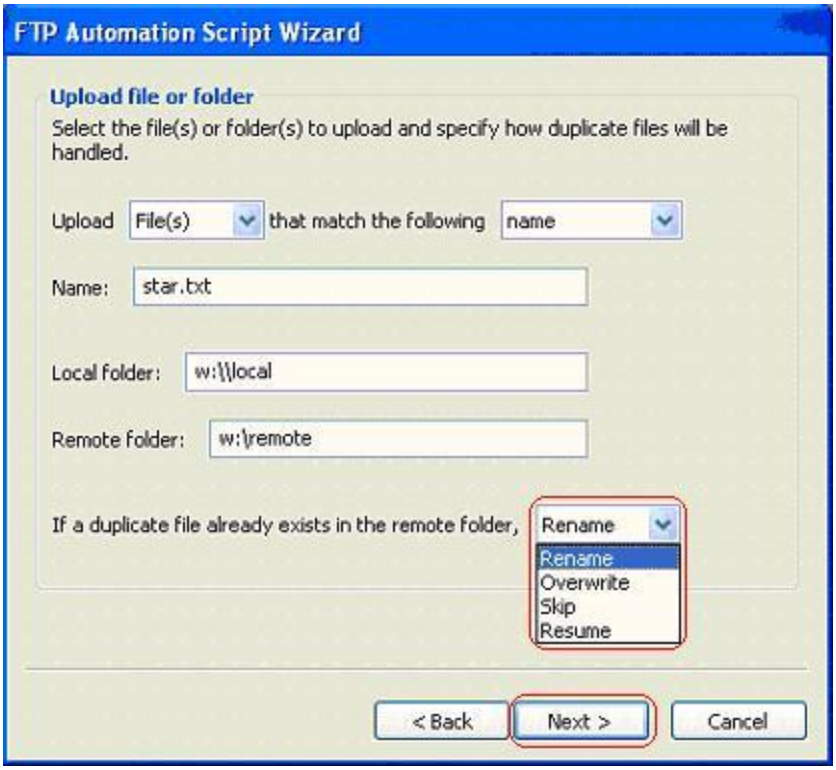
3. Enter the **name** of the file or folder.
4. Enter the **remote** path and **local** path.

Rules to handle duplicate files:

1. **Rename** - If the file is already exist in remote path, this option rename the file with extension .0503.
2. **Overwrite** - Overwrite a file that is already present in the remote path.
3. **Skip** - Skip the file.
4. **Resume** - Resume the file.

Then click **Next** button.

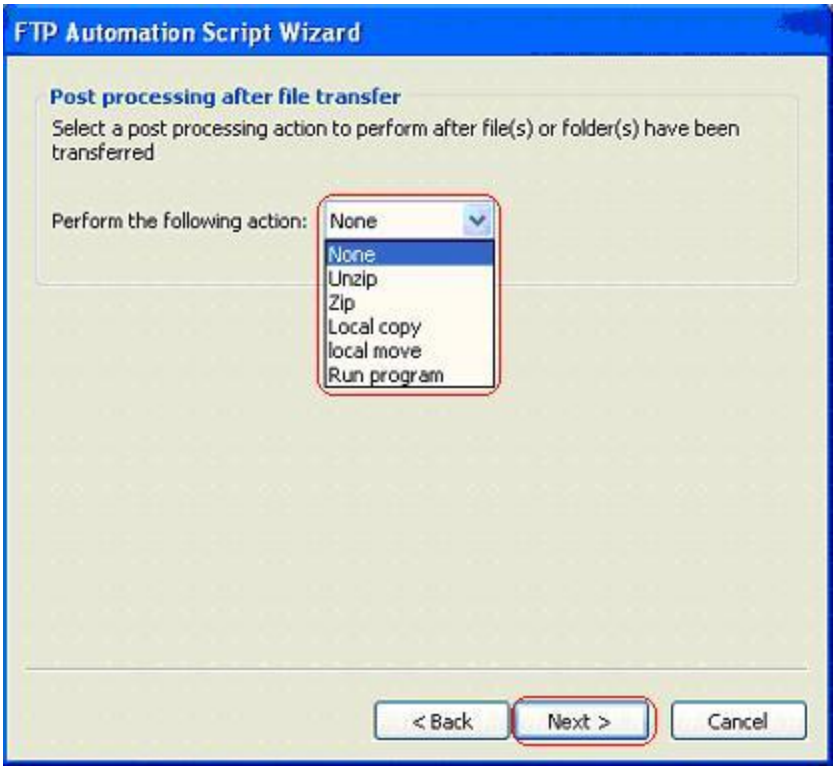
Figure 7.18. Enter the folder name for uploading



Actions performed after file is uploaded

1. **None** - No actions performed.
2. **Unzip** - Uncompress the zip file.
3. **Zip** - Compressing the file.
4. **Local copy** - Copy the file.
5. **Local move** - Move the file to the particular location.
6. **Run program** - Execute the file. Click **Next** button.

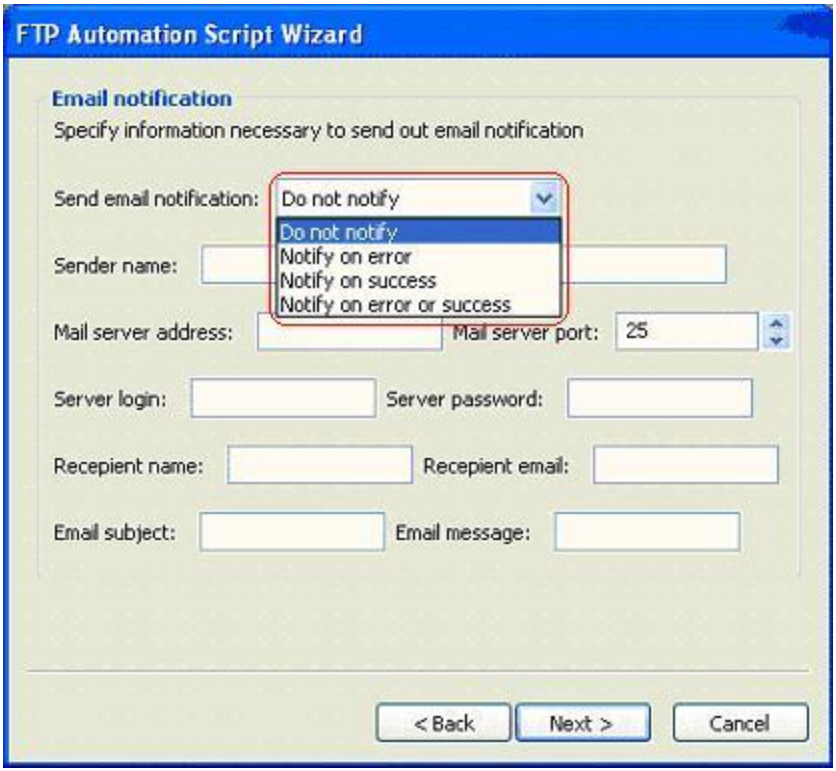
Figure 7.19. Actions performed after file uploading



Email Notification:

1. **Do not notify** - No mail notification needed.
2. **Notify on error** - Send a mail notification on error.
3. **Notify on success** - Send a mail notification on success.
4. **Notify on error or success** - Send a mail notification always.

Figure 7.20. Email notification for uploading



Enter the following email notifications:

Sender name, Sender email address, Mail server address, Mail server port, Server login, Server password

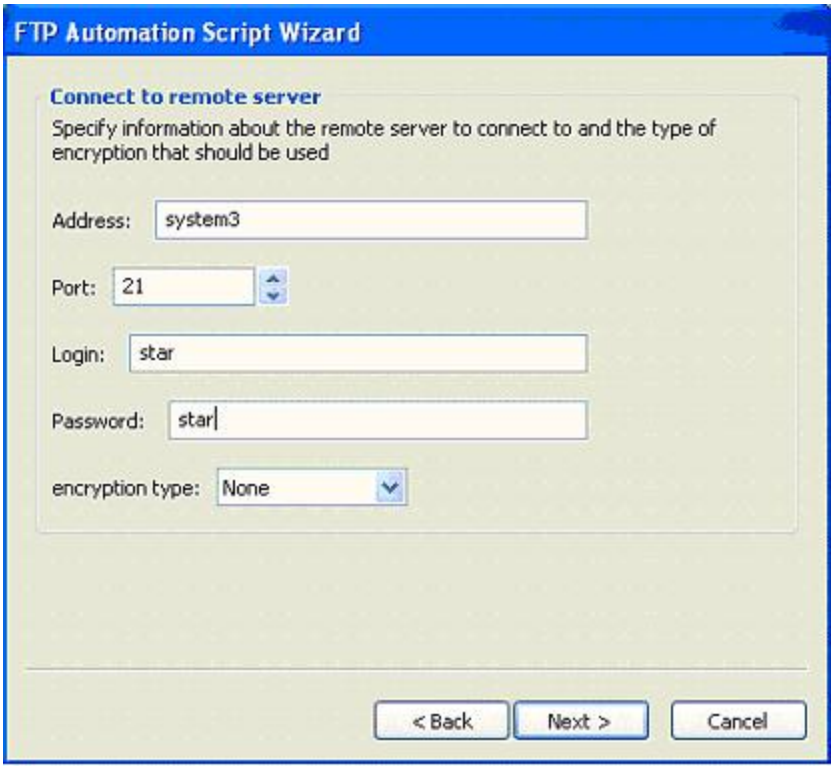
Then click **Next button.**

Figure 7.21. Email information for uploading

Connect to remote server:

Enter **Server address, Port number, Login and Password.**

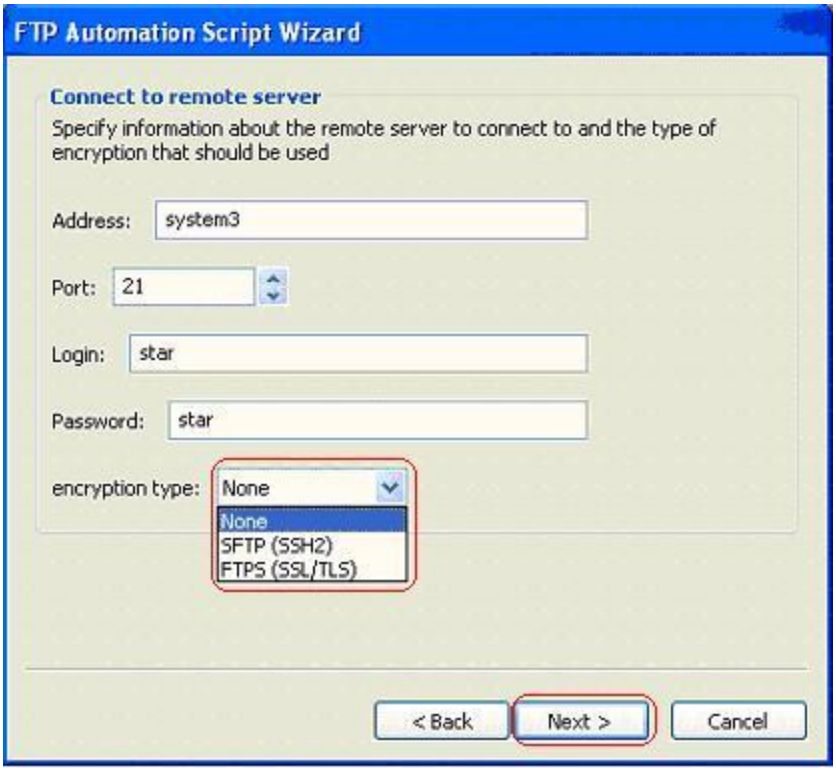
Figure 7.22. Connect to the server for downloading



Encryption type:

1. None - No encryption is needed.
2. SFTP(SSH2) - Use SSH encryption.
3. (SSL/TLS) - Use SSL encryption type.
Then click **Next button.**

Figure 7.23. Select encryption type for uploading



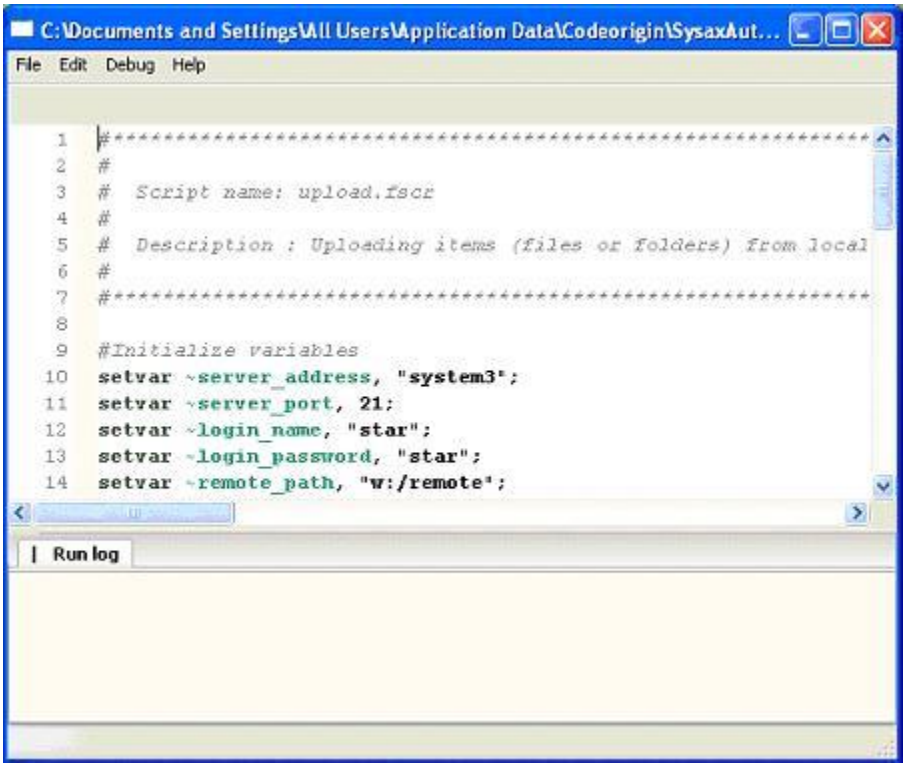
Enter the **script name** and **script path** using **Browse** button.
Then click **Next button.**

Figure 7.24. Enter the script name

FTP Automation Script Wizard
Create new script file
Type in a name for the script file and select the folder where the script file should be saved. A ".fscr" extension will be appended to the end of the script name
Script name:
upload.fscr
Script path:
C:\Documents and Settings\All Users\Application Da
Browse...
< Back
Finish
Cancel

Now the script is generated for **uploading** a file or folder using **script wizard.**

Figure 7.25. Script is generated for uploading file



8

Writing a new script from scratch

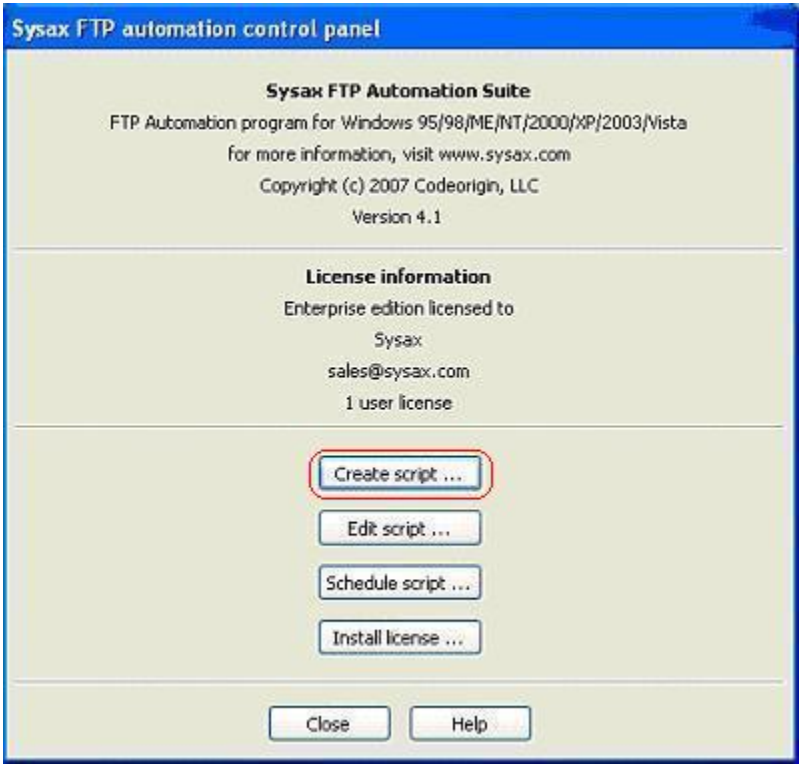
8.1. Creating New Script 48
8.2. Edit a script 51
8.3. Write and Run a Script 55

8.1. Creating New Script

To create a new script

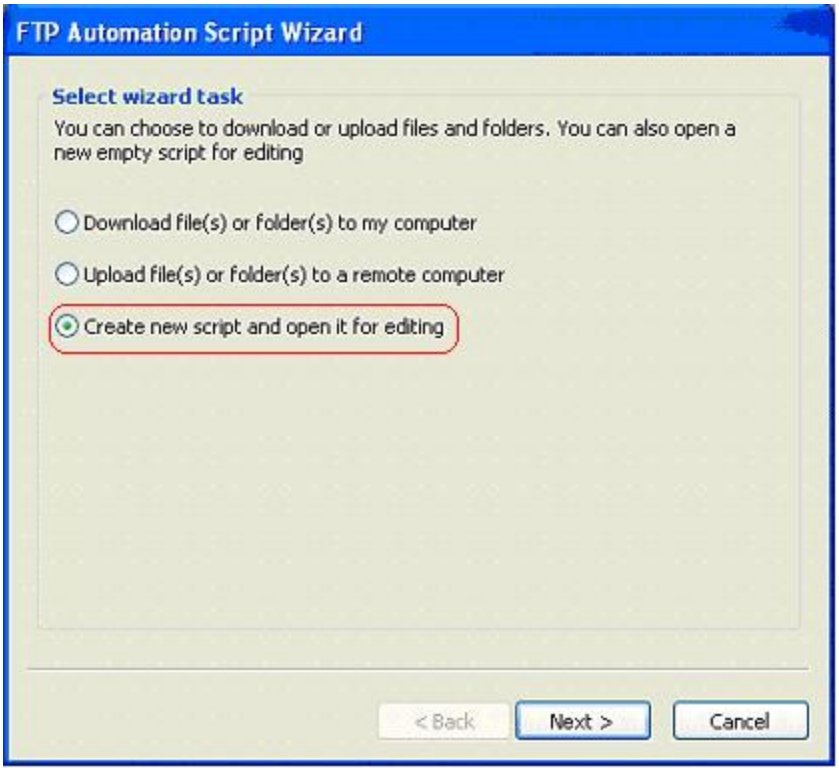
1). In the **Sysax FTP Automation Control Panel,** click the **Create Script** button.

Figure 8.1. Click Create Script



2). Select **Create new script and open it for editing,** then click **Next** button.

Figure 8.2. Create New Script


FTP Automation Script Wizard
Select wizard task
You can choose to download or upload files and folders. You can also open a new empty script for editing
Download file(s) or folder(s) to my computer
Upload file(s) or folder(s) to a remote computer
Create new script and open it for editing
< Back
Next >
Cancel

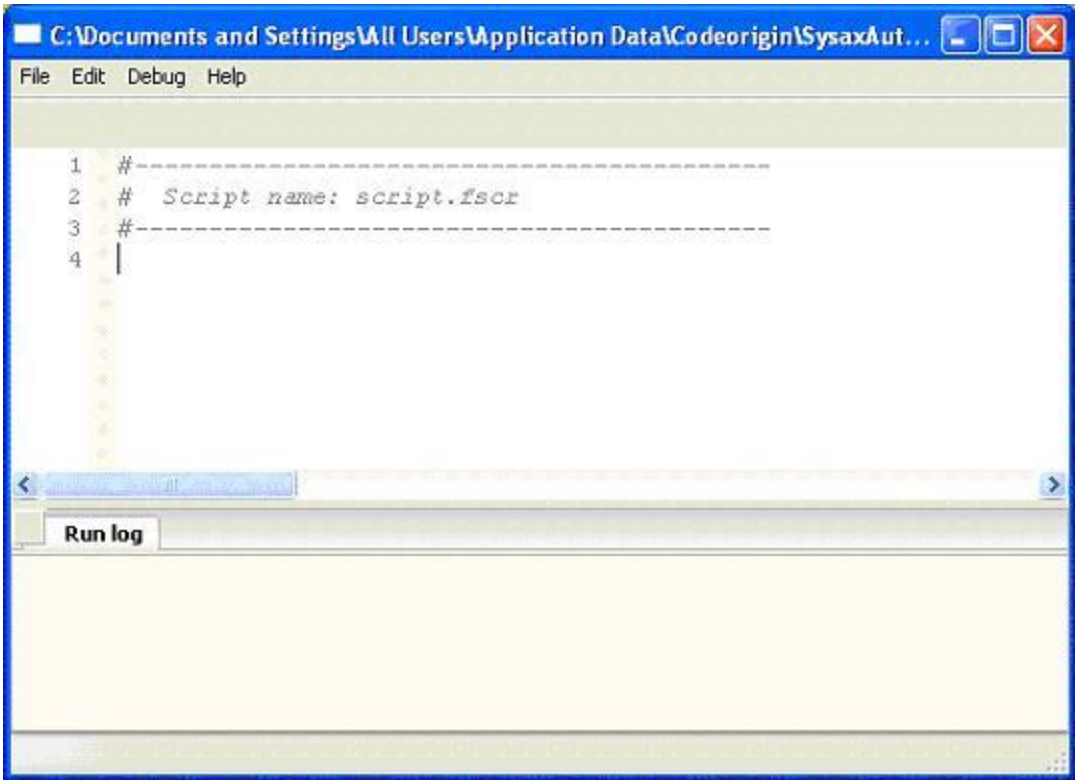
3). Enter the **script name**.
4). Enter the **path name** to the script to be stored using **Browse** button.
5). Click **Finish** button.

Figure 8.3. Enter the name for the script

FTP Automation Script Wizard
Create new script file
Type in a name for the script file and select the folder where the script file should be saved. A ".fscr" extension will be appended to the end of the script name
Script name:
script.fscr
Script path:
C:\Documents and Settings\All Users\Application Da
Browse...
< Back
Finish
Cancel

6). **New script** is created to write the program.

Figure 8.4. New Script Window

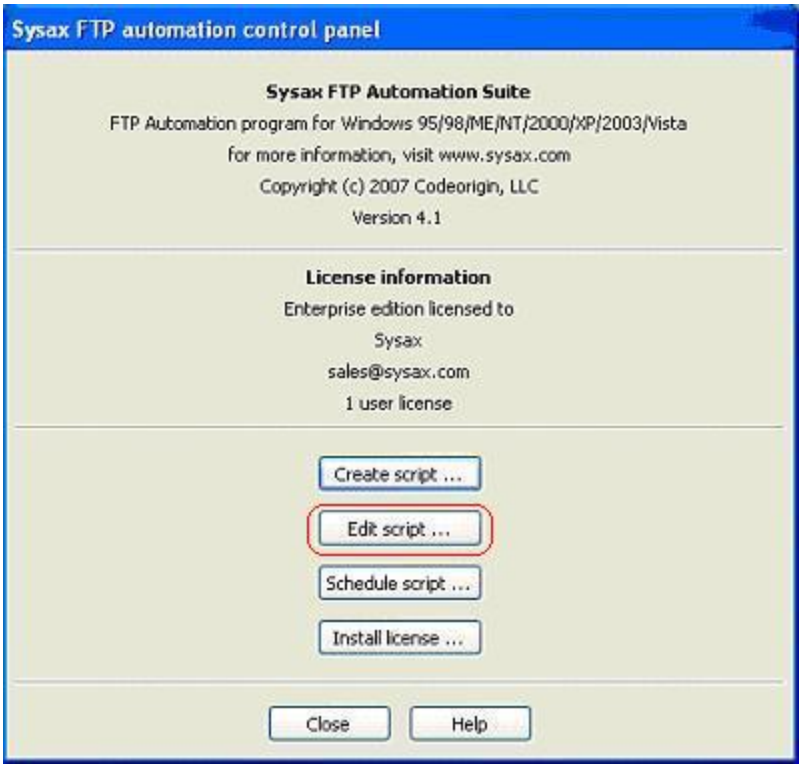


8.2. Edit a script

To edit a script,

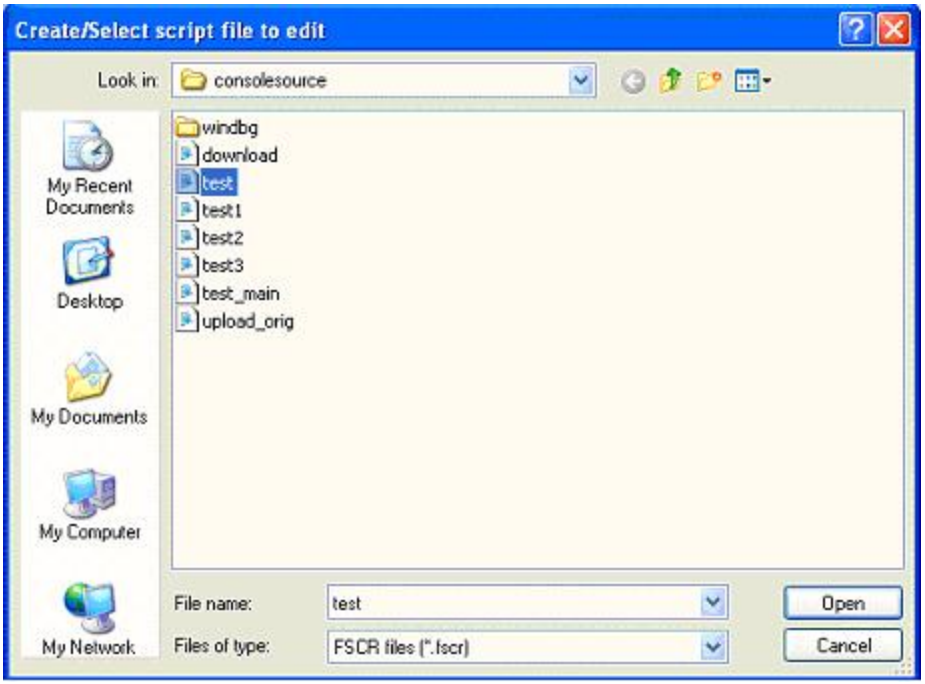
1. In the **Sysax FTP Automation control panel,** click **Edit Script** button.

Figure 8.5. Edit script



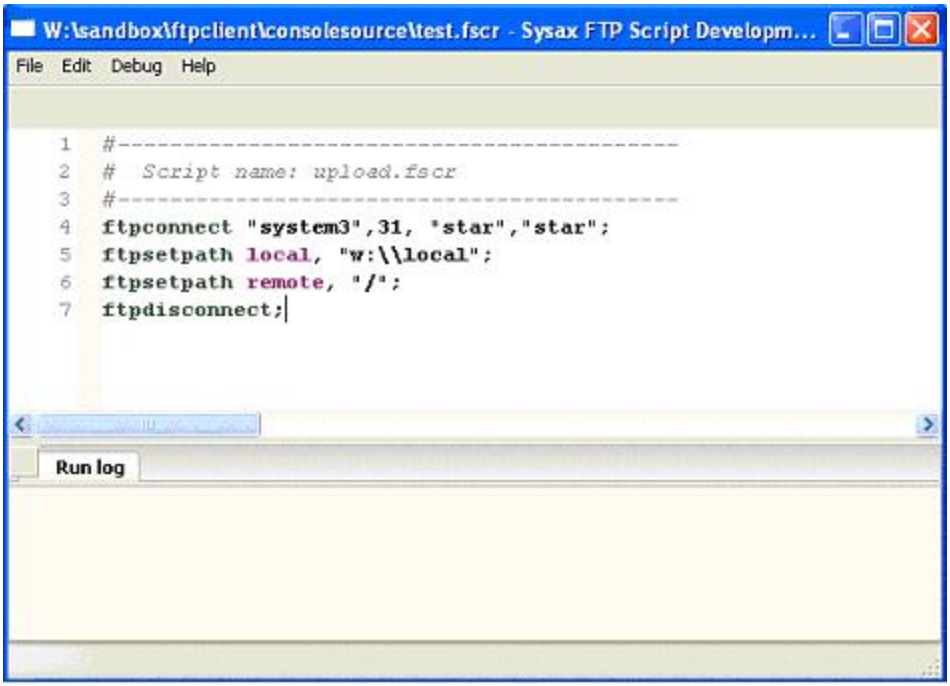
2. **Create/Select script file to edit** window is displayed. From that, select the script which user want to edit.
3. Open the script using **Open** button.

Figure 8.6. Select the script for editing



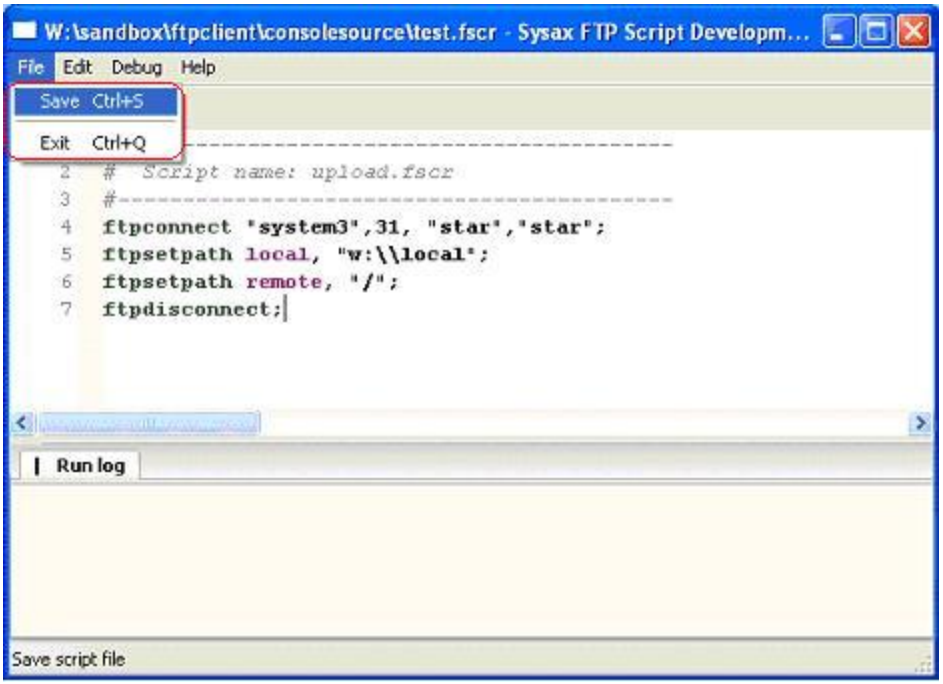
4. The selected script will open in the **Sysax FTP Script Development Environment** window.

Figure 8.7. Open the script for editing



5. In the **File** menu, select **Save** option to save the edited script or press **Ctrl+S**

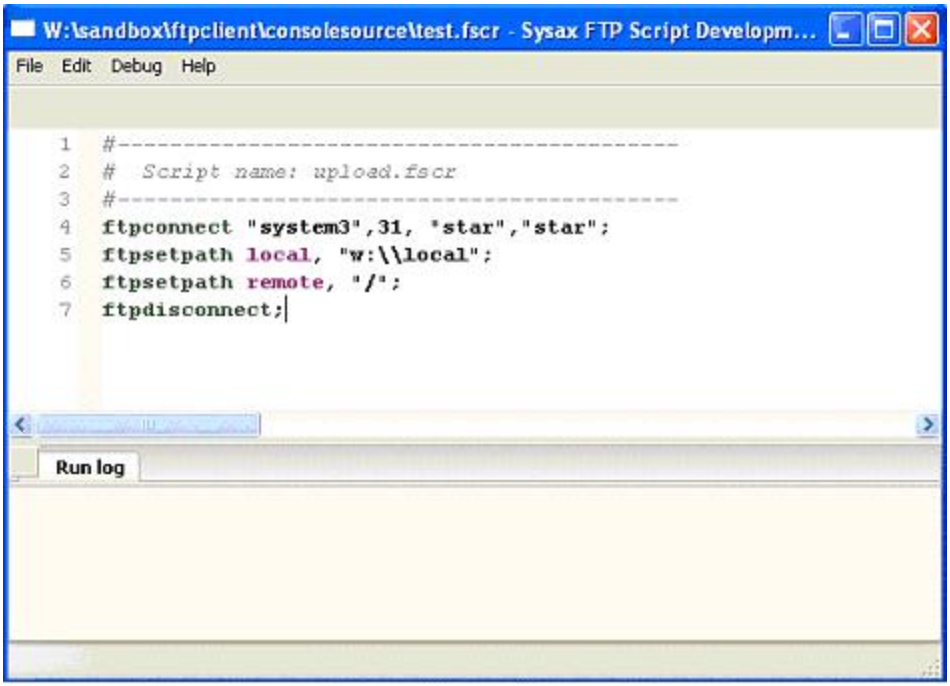
Figure 8.8. Save the script after editing



8.3. Write and Run a Script

To write and run a script,

Figure 8.9. Open the script for editing



To **debug** a script on **step by step**, click **Step (or press F7)** from the **Debug menu**. The figures **(8.10, 8.11, 8.12 and 8.13)** were explained how to debug a **simple script**.

Figure 8.10. To Run a Script step 1

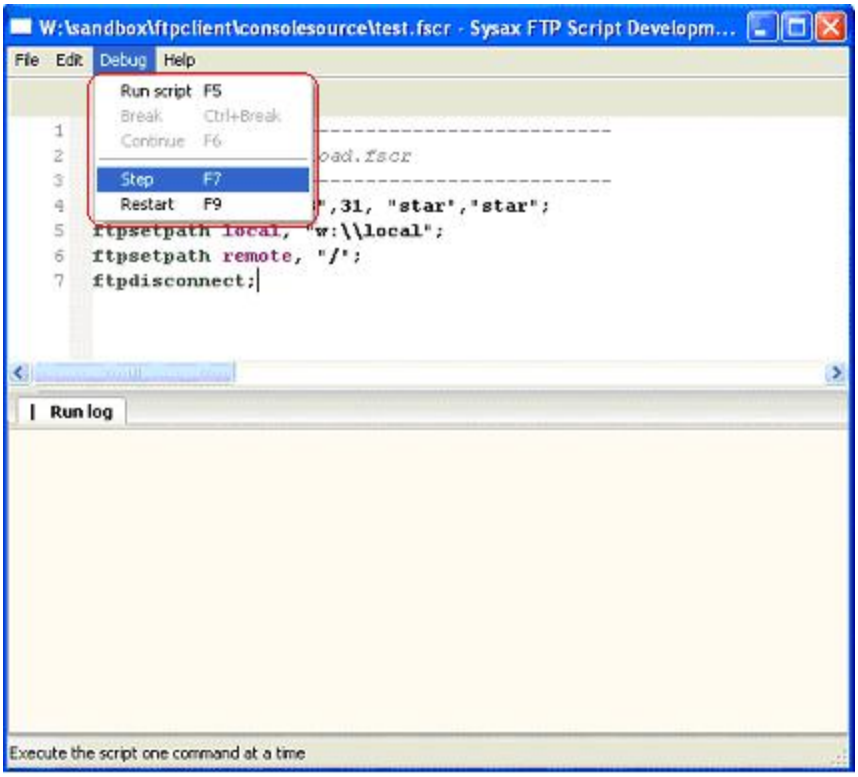


Figure 8.11. To Run a Script step2

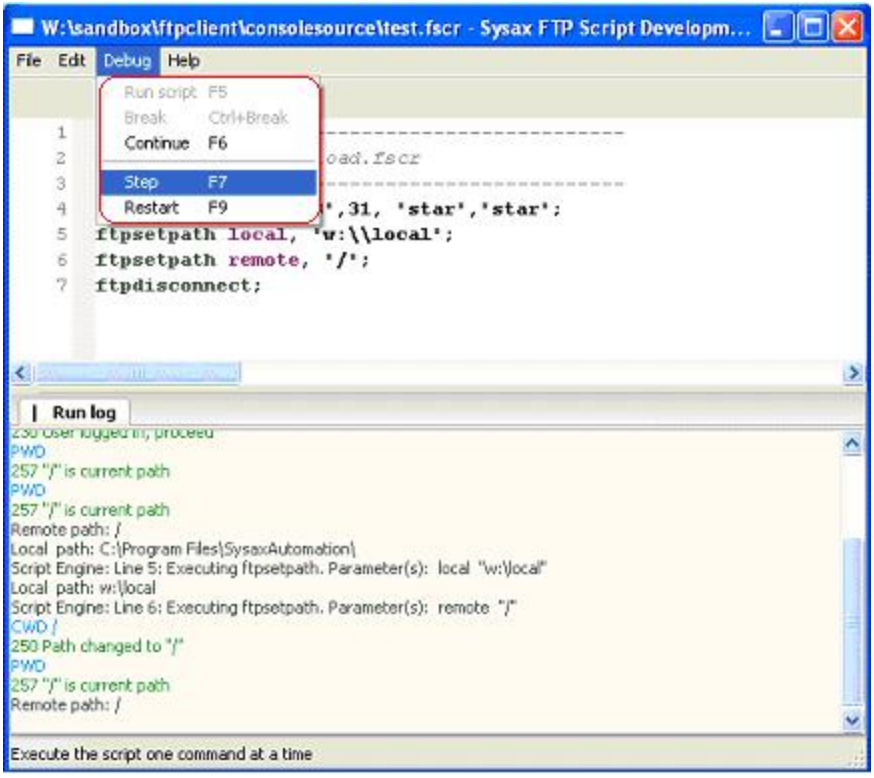


Figure 8.12. To Run a Script step3

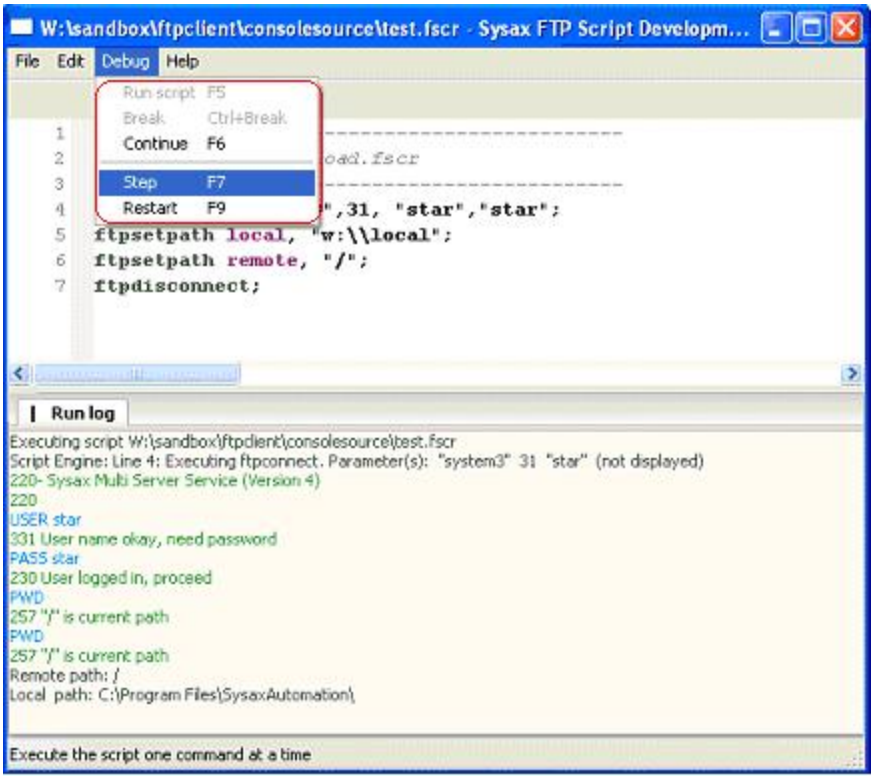
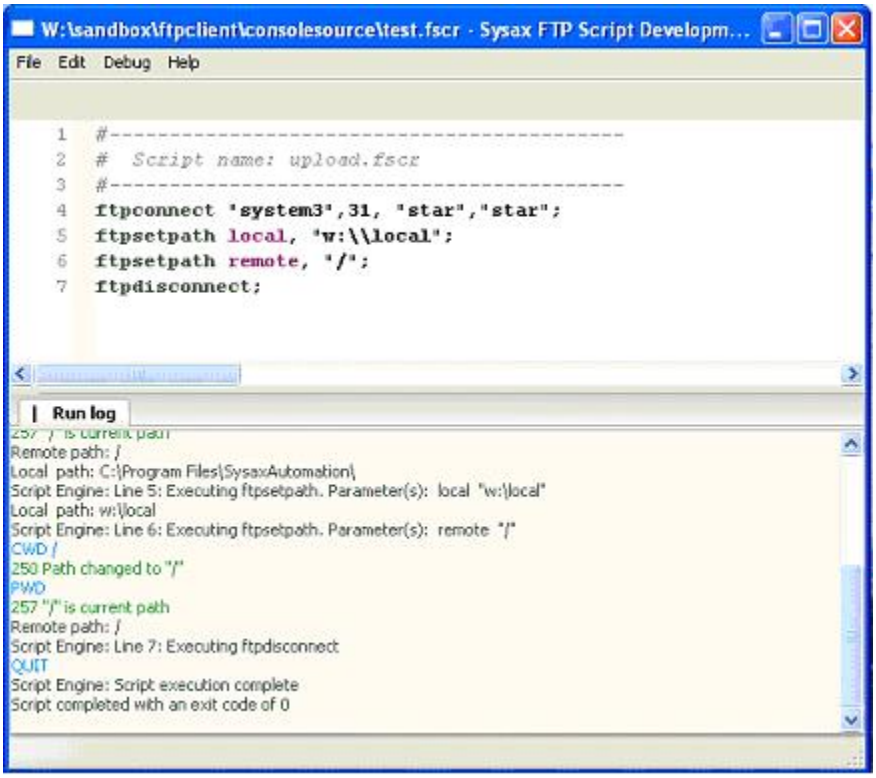


Figure 8.13. To Run a Script step3


W:\sandbox\ftpclient\consolesource\test.fscr - Sysax FTP Script Developm...
File Edit Debug Help
1 #---
2 # Script name: upload.fscr
3 #---
4 ftpconnect 'system3',31, "star","star";
5 ftpsetpath local, 'w:\\local";
6 ftpsetpath remote, "/";
7 ftpdisconnect;
Run log
Remote path: /
Local path: C:\Program Files\SysaxAutomation\
Script Engine: Line 5: Executing ftpsetpath. Parameter(s): local "w:\local"
Local path: w:\local
Script Engine: Line 6: Executing ftpsetpath. Parameter(s): remote "/"
CWD /
250 Path changed to "/"
PWD
257 "/" is current path
Remote path: /
Script Engine: Line 7: Executing ftpdisconnect
QUIT
Script Engine: Script execution complete
Script completed with an exit code of 0

9

Editing previously created scripts

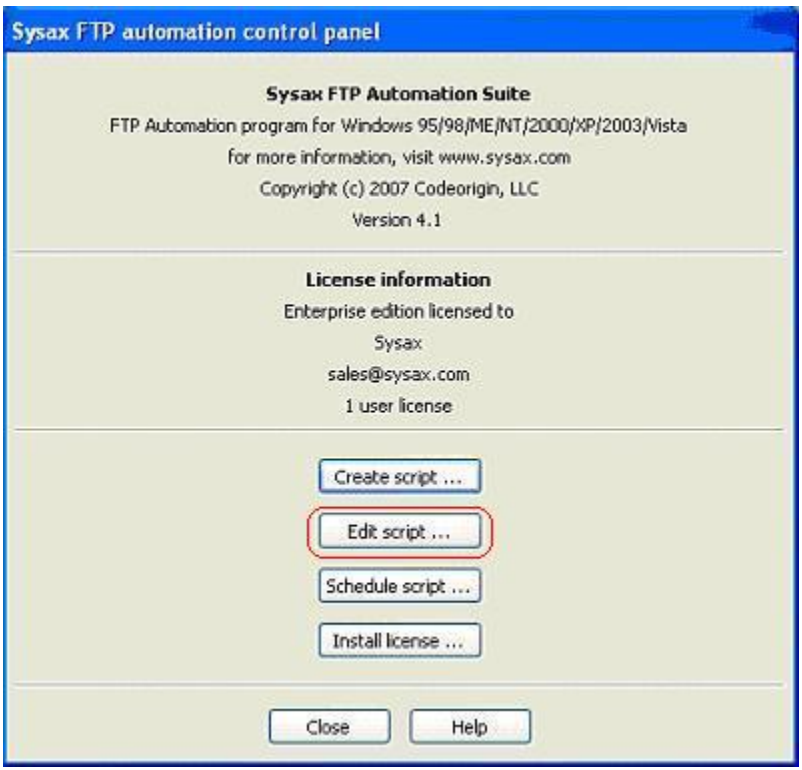
9.1. Edit the previously created script 62

9.1. Edit the previously created script

To edit the previously created script,

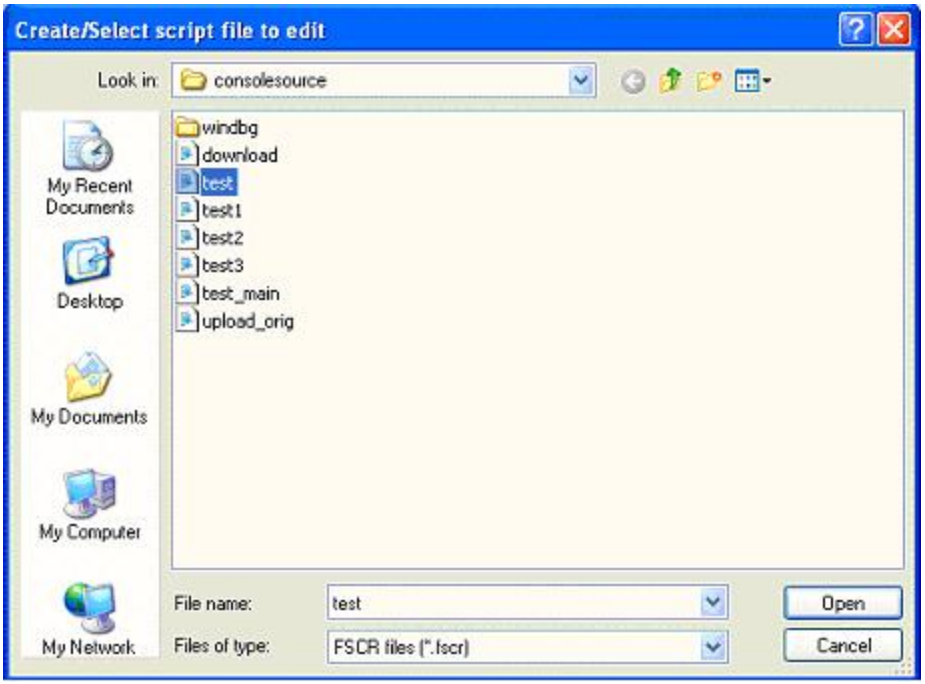
1. In the **Sysax FTP Automation control panel,** click **Edit Script** button.

Figure 9.1. Edit script



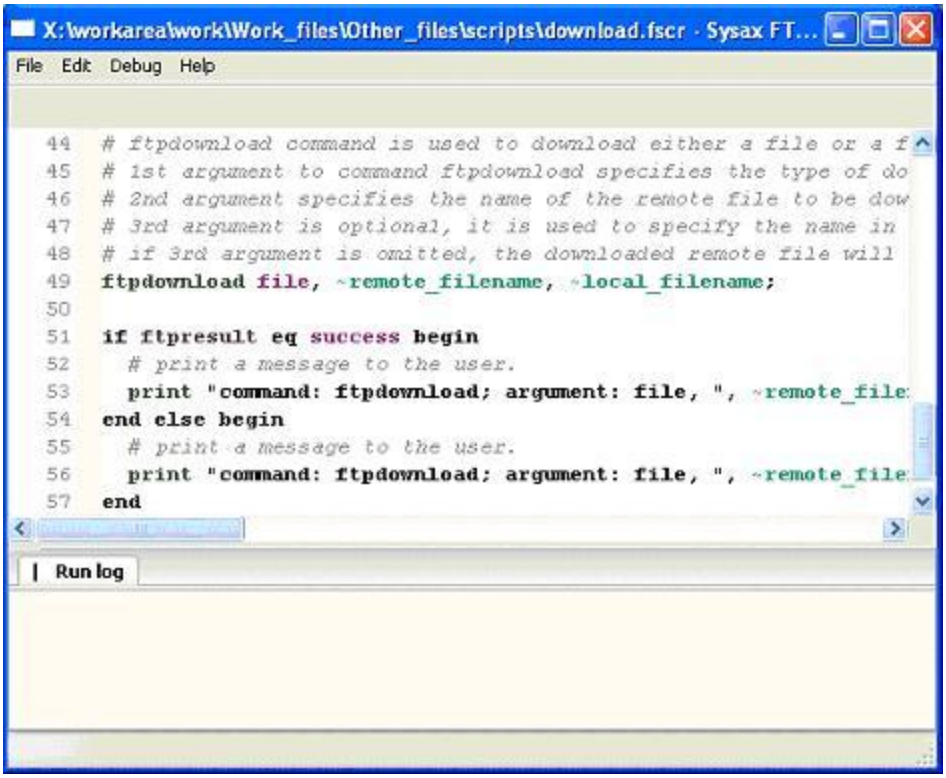
2. **Create/Select script file to edit** window is displayed. From that, select the script which user want to edit.
3. Open the script using **Open** button.

Figure 9.2. Select the script for editing



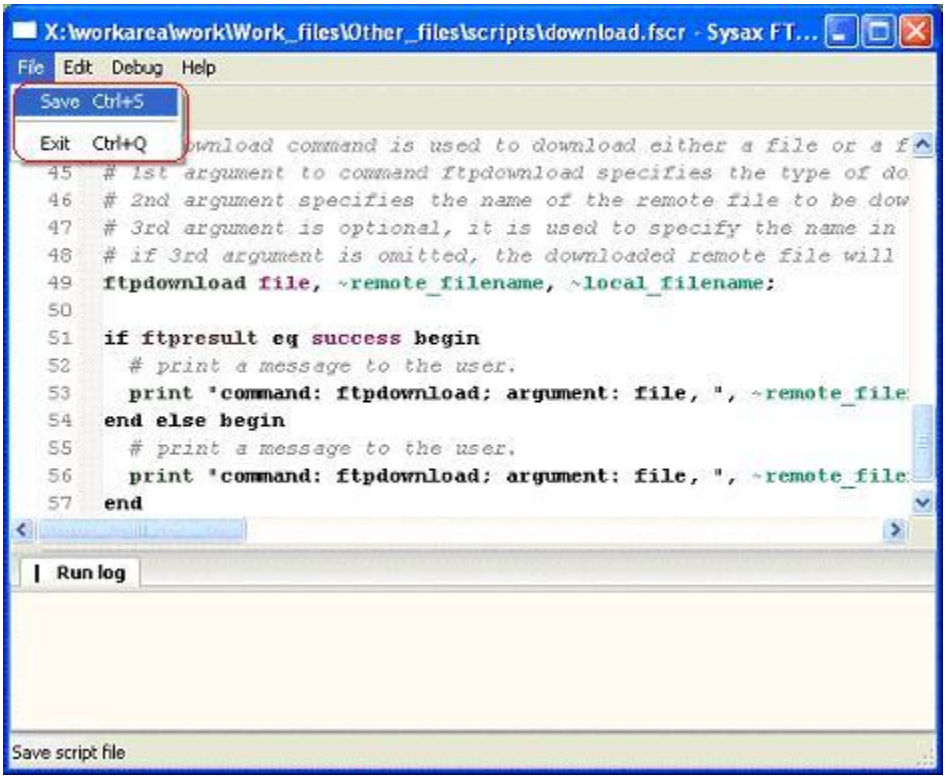
4. The selected script will open in the **Sysax FTP Script Development Environment** window.

Figure 9.3. Open the script for editing


X:\workarea\work\Work_files\Other_files\scripts\download.fscr - Sysax FT...
File Edit Debug Help
44 # ftpdownload command is used to download either a file or a f
45 # 1st argument to command ftpdownload specifies the type of do
46 # 2nd argument specifies the name of the remote file to be dow
47 # 3rd argument is optional, it is used to specify the name in
48 # if 3rd argument is omitted, the downloaded remote file will
49 ftpdownload file, ~remote_filename, ~local_filename;
50
51 if ftpresult eq success begin
52 # print a message to the user.
53 print "command: ftpdownload; argument: file, ", ~remote_file
54 end else begin
55 # print a message to the user.
56 print "command: ftpdownload; argument: file, ", ~remote_file
57 end
Run log

5. In the **File** menu, select **Save** option to save the edited script or press **Ctrl+S**

Figure 9.4. Save the script after editing


X:\workarea\work\Work_files\Other_files\scripts\download.fscr - Sysax FT...
File
Edit
Debug
Help
Save Ctrl+S
Exit Ctrl+Q
ownload command is used to download either a file or a f
1st argument to command ftpdownload specifies the type of do
2nd argument specifies the name of the remote file to be dow
3rd argument is optional, it is used to specify the name in
if 3rd argument is omitted, the downloaded remote file will
ftpdownload file, ~remote_filename, ~local_filename;
if ftpresult eq success begin
print a message to the user.
print "command: ftpdownload; argument: file, ", ~remote_file
end else begin
print a message to the user.
print "command: ftpdownload; argument: file, ", ~remote_file
end
Run log
Save script file

10

Scheduling script execution

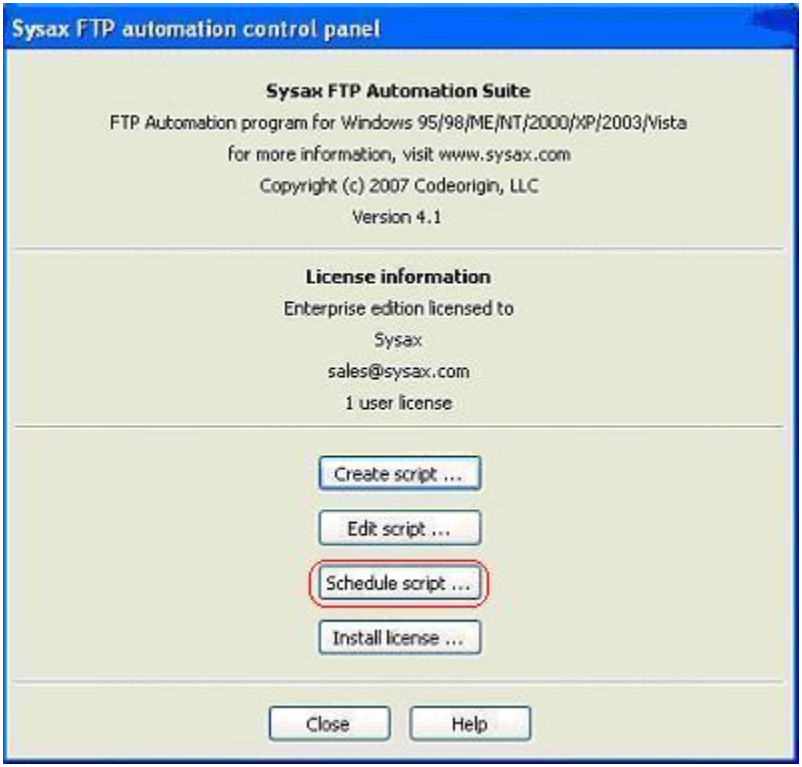
10.1. Scheduling script execution 67

10.1. Scheduling script execution

To set the schedule to the tasks,

In the **Sysax FTP Automation control panel,** click **Schedule Script** button.

Figure 10.1. Schedule script

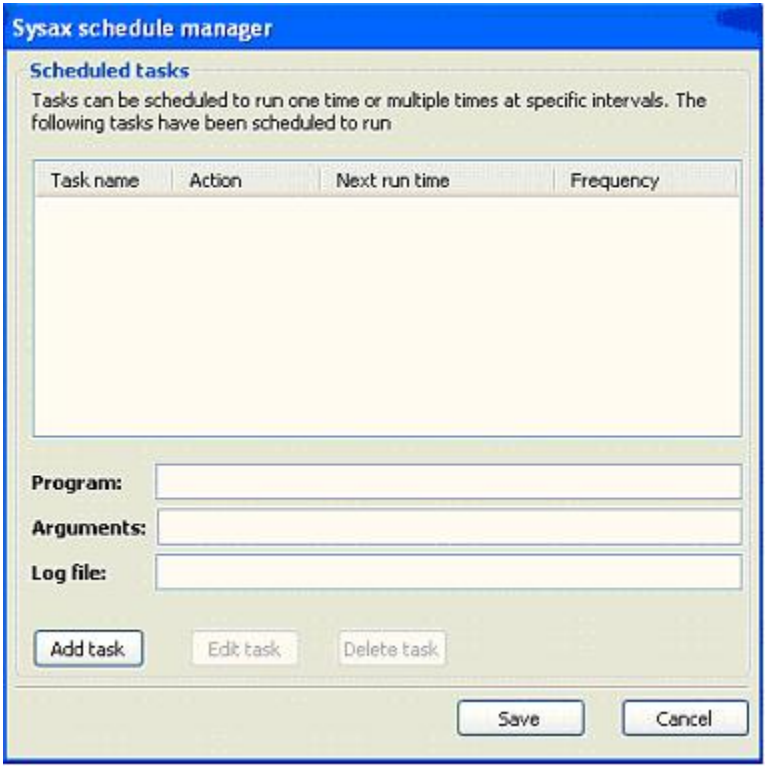


Sysax Schedule manager dialog is displayed.
In the **Sysax Schedule manager** dialog,

1. **Add Task** button is used to add the task.
2. **Edit Task** button is used to edit the task.
3. **Delete Task** button is used to delete the task.

User can add number of tasks using **Add Task** button.

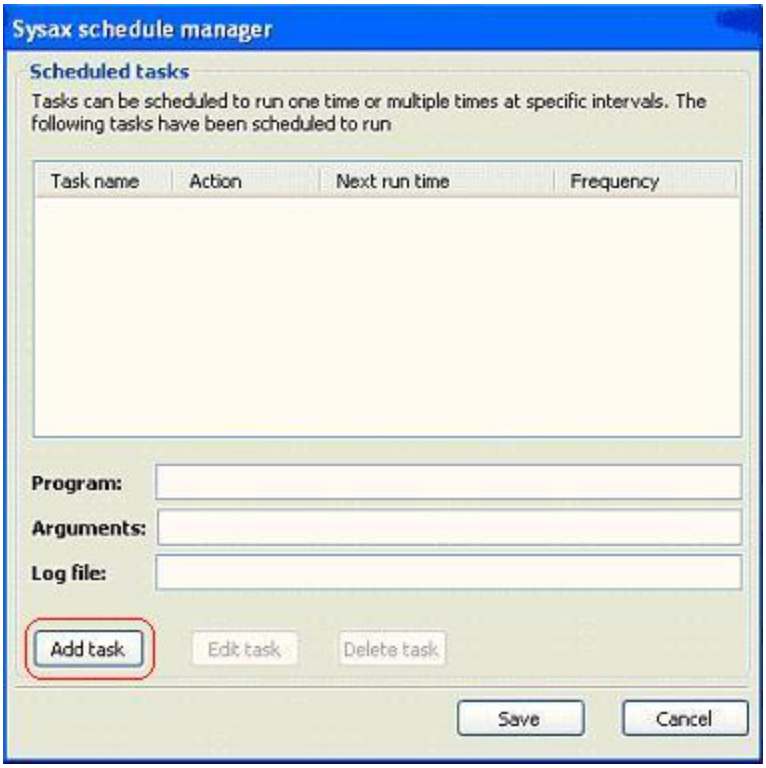
Figure 10.2. Schedule tasks



Add Task

- Click **Add Task**button from the **Sysax Schedule Manager** dialog.

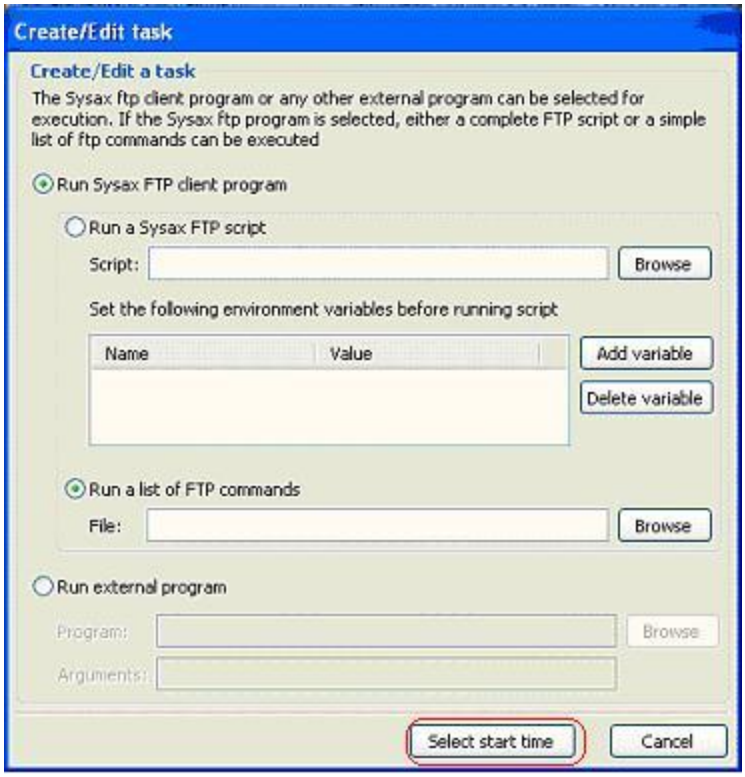
Figure 10.3. Click Add Task



Create/Edit task dialog is displayed.
Add Task button is used to add.
1. **Sysax FTP Script**
2. **List of FTP commands**
3. **External Program**

Add Task button is used to add the task one by one. Select anyone program from the option button and click **Browse** button used to choose **the script or program** from the **local drive**. Click **select start time** button.

Figure 10.4. Create task


Create/Edit task
Create/Edit a task
The Sysax ftp client program or any other external program can be selected for execution. If the Sysax ftp program is selected, either a complete FTP script or a simple list of ftp commands can be executed
Run Sysax FTP client program
Run a Sysax FTP script
Script:
Browse
Set the following environment variables before running script
Name
Value
Add variable
Delete variable
Run a list of FTP commands
File:
Browse
Run external program
Program:
Browse
Arguments:
Select start time
Cancel

Set the schedule time:

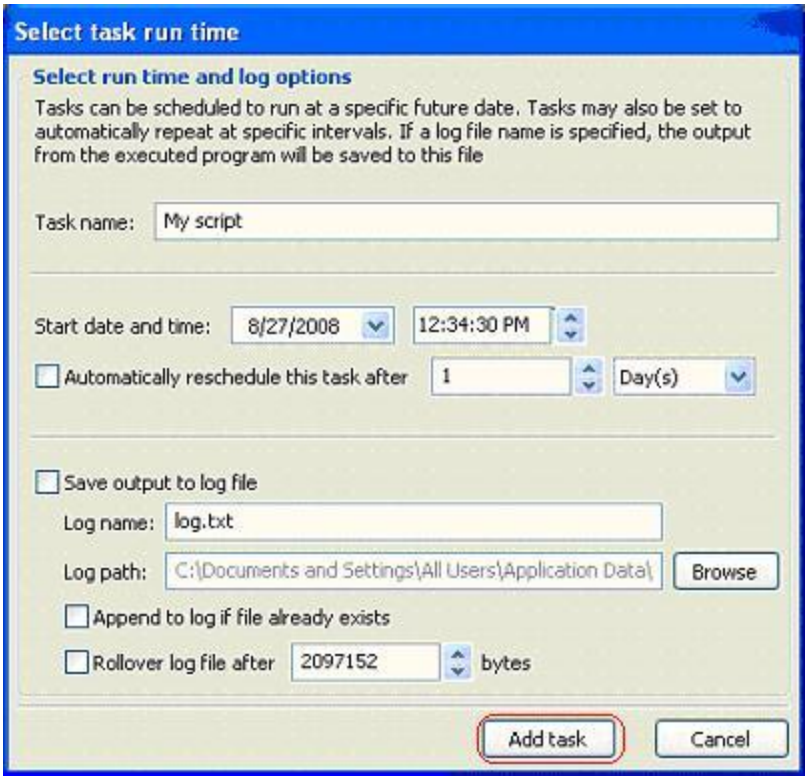
Set task run time: dialog is displayed.

In the **Set task run time:** dialog, set the following information.

1. **Set the task name.**
2. **Set the start date and name.**
3. **Set the rescheduling interval.**
4. **Set the log file name and path.**
5. **Select append to log.**
6. **Select rollover log file and size.**

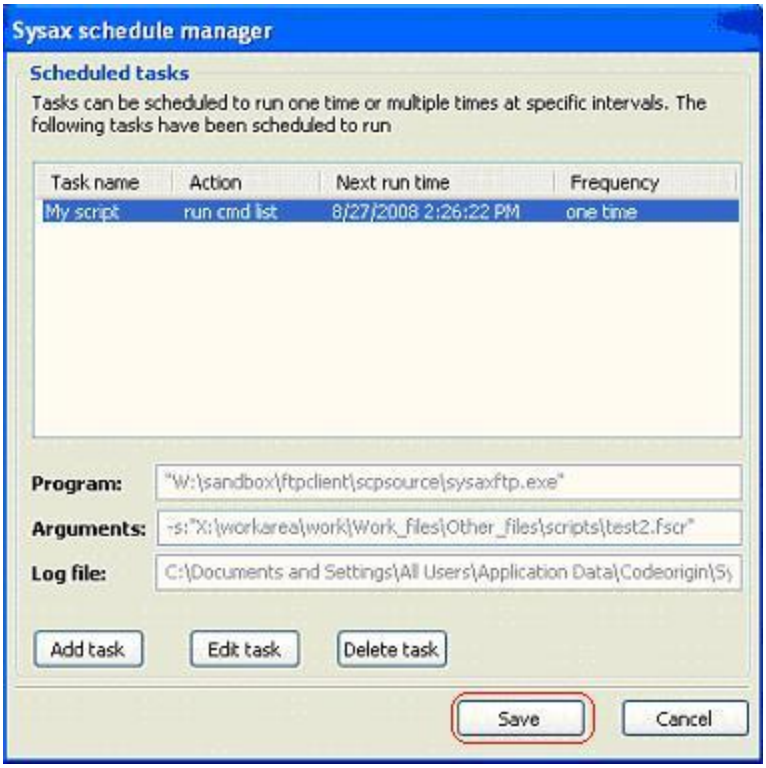
After set all settings, click **Add Task** button from the **Select start run time** dialog. It returns to the **sysax sch**

Figure 10.5. Select task run time


Select task run time
Select run time and log options
Tasks can be scheduled to run at a specific future date. Tasks may also be set to automatically repeat at specific intervals. If a log file name is specified, the output from the executed program will be saved to this file
Task name:
My script
Start date and time:
8/27/2008
12:34:30 PM
Automatically reschedule this task after
1
Day(s)
Save output to log file
Log name:
log.txt
Log path:
C:\Documents and Settings\All Users\Application Data\
Browse
Append to log if file already exists
Rollover log file after
2097152
bytes
Add task
Cancel

To save all settings, click **Save** button in the **Sysax Schedule Manager** dialog.

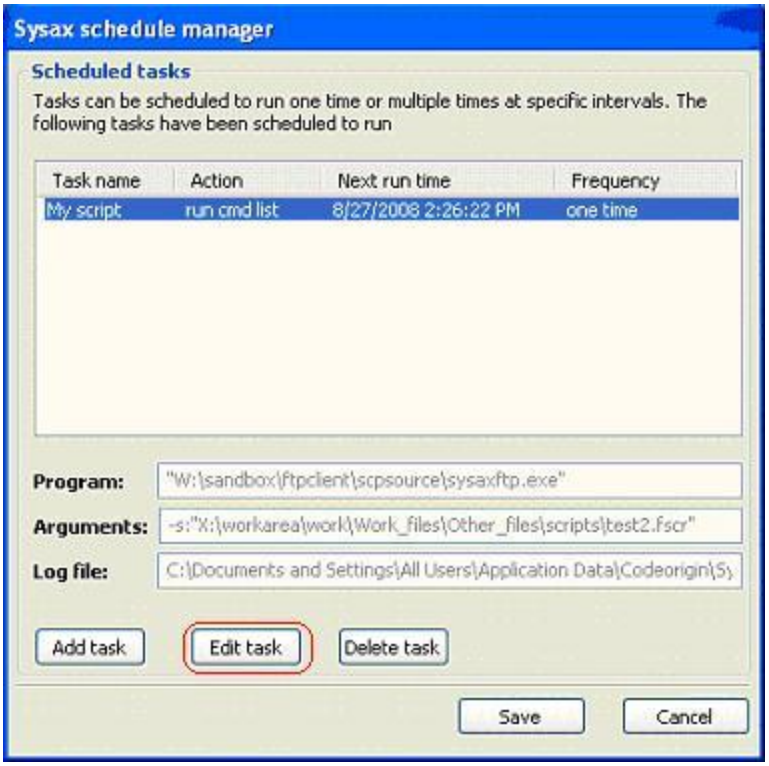
Figure 10.6. After adding task



Edit Task:

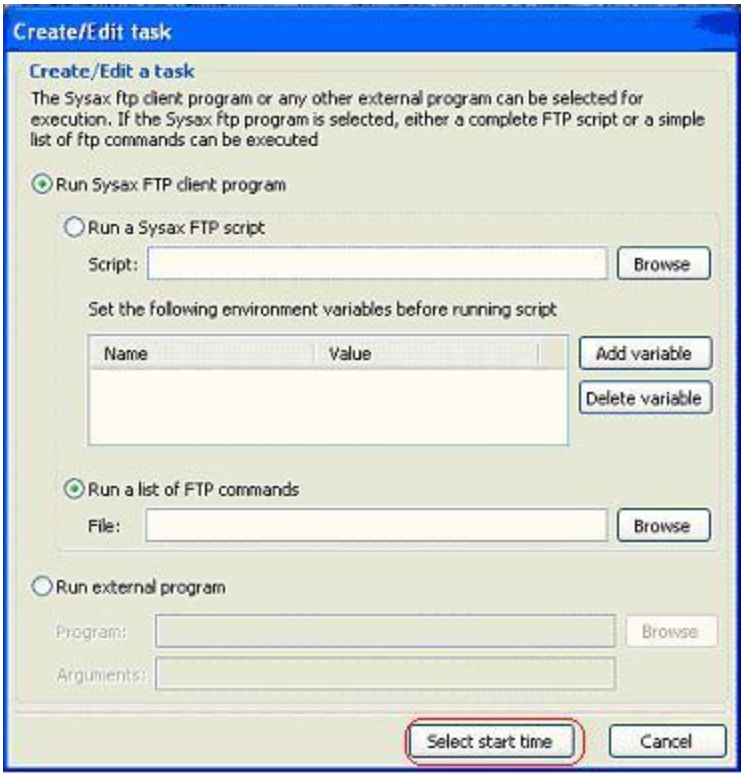
Click **Edit Task** button in the **Sysax Schedule Manager** dialog.

Figure 10.7. Click Edit Task



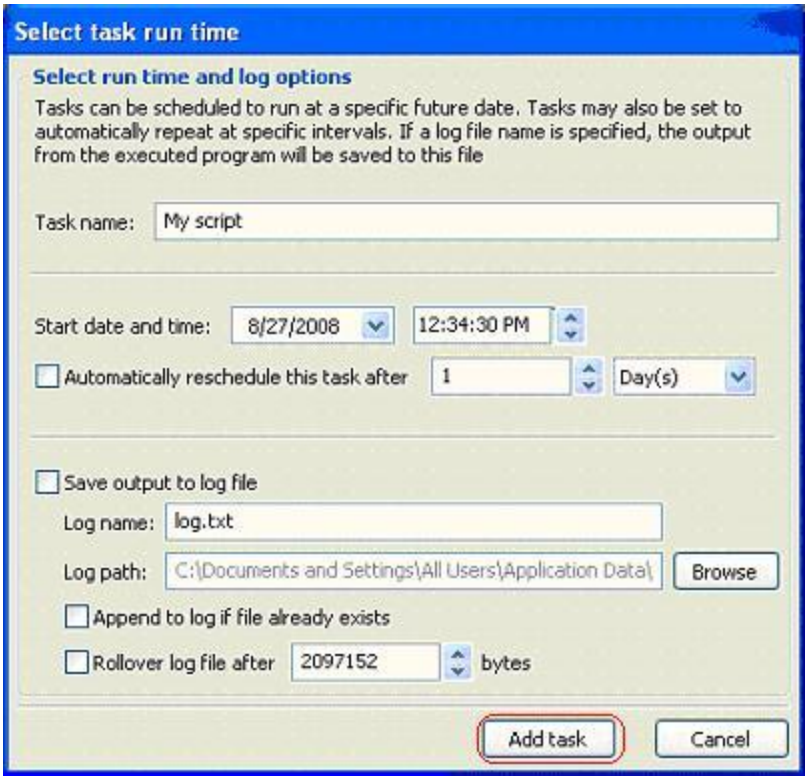
Now **change the script name** if user want.

Figure 10.8. Edit Old Task


Create/Edit task
Create/Edit a task
The Sysax ftp client program or any other external program can be selected for execution. If the Sysax ftp program is selected, either a complete FTP script or a simple list of ftp commands can be executed
Run Sysax FTP client program
Run a Sysax FTP script
Script:
Browse
Set the following environment variables before running script
Name
Value
Add variable
Delete variable
Run a list of FTP commands
File:
Browse
Run external program
Program:
Browse
Arguments:
Select start time
Cancel

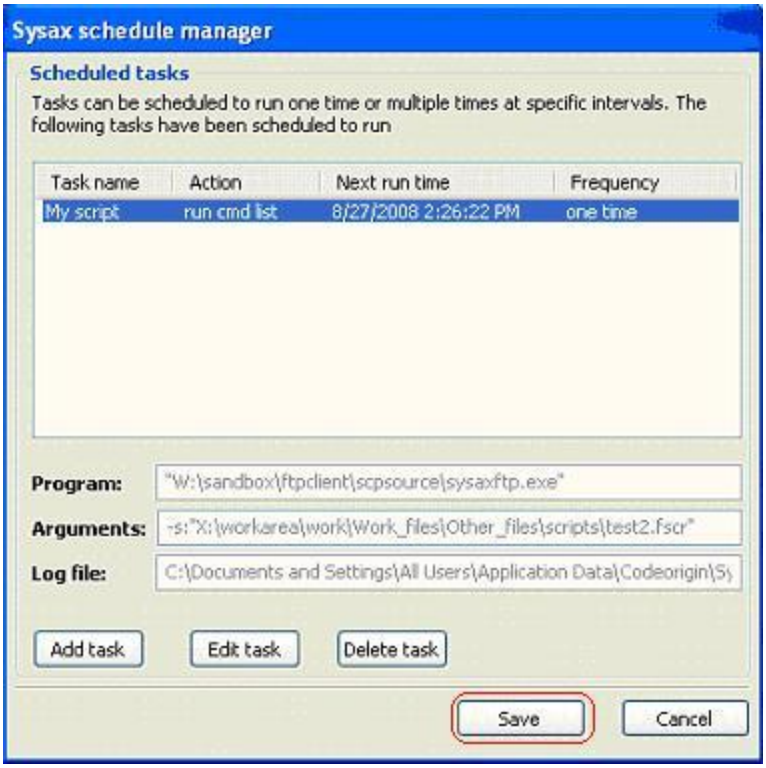
Change the **task run time** if user want.

Figure 10.9. Select run time


Select task run time
Select run time and log options
Tasks can be scheduled to run at a specific future date. Tasks may also be set to automatically repeat at specific intervals. If a log file name is specified, the output from the executed program will be saved to this file
Task name:
My script
Start date and time:
8/27/2008
12:34:30 PM
Automatically reschedule this task after
1
Day(s)
Save output to log file
Log name:
log.txt
Log path:
C:\Documents and Settings\All Users\Application Data\
Browse
Append to log if file already exists
Rollover log file after
2097152
bytes
Add task
Cancel

Task is edited after changing the parameters.

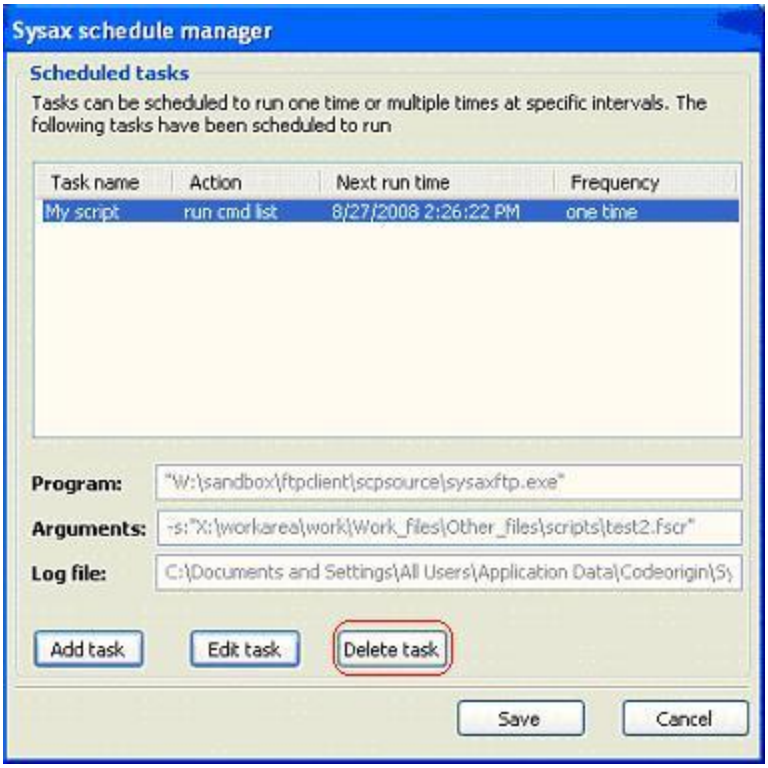
Figure 10.10. Task is edited



Delete Task

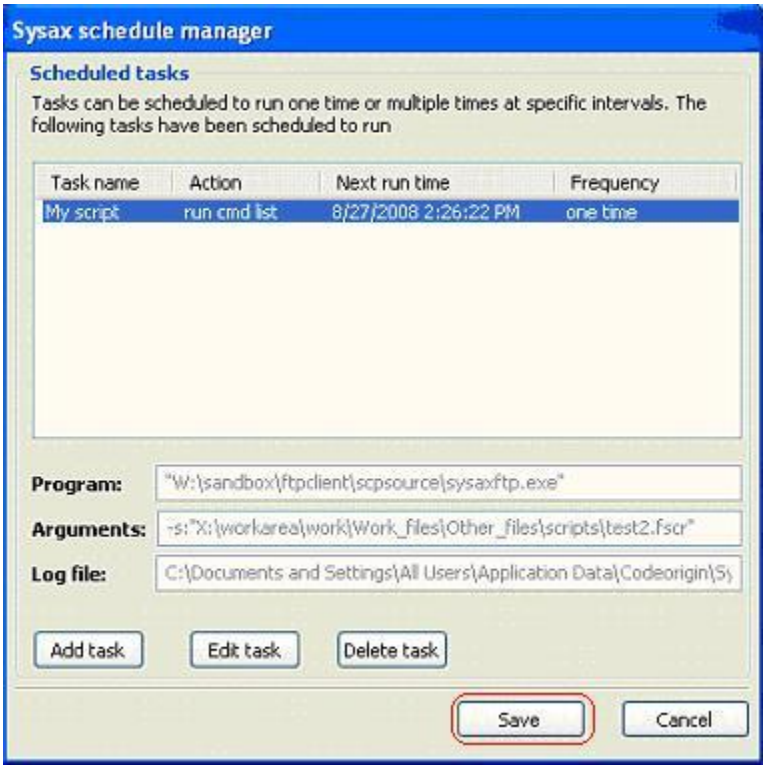
If user want to delete a task, click the **Delete Task** button from the **Sysax Schedule Manager** dialog.

Figure 10.11. Delete Task



Task is edited after changing the parameters.

Figure 10.12. Task is edited



11

Scheduling execution of other programs

11.1. Scheduling execution of other programs 80

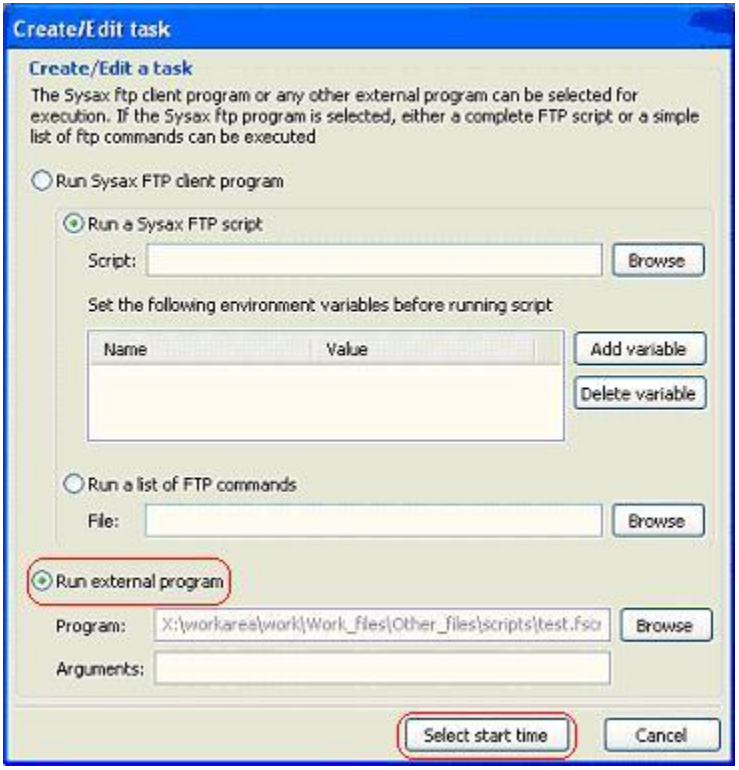
11.1. Scheduling execution of other programs

After setting the schedule to the task, then the **create task** dialog is displayed.

Create/Edit task dialog is displayed.
Add Task button is used to add.
1. **Sysax FTP Script**
2. **List of FTP commands**
3. **External Program**

Select **anyone program** from the option button and click **Browse** button used to choose the script or program from the local drive.
Click **select start time** button.

Figure 11.1. Select other programs

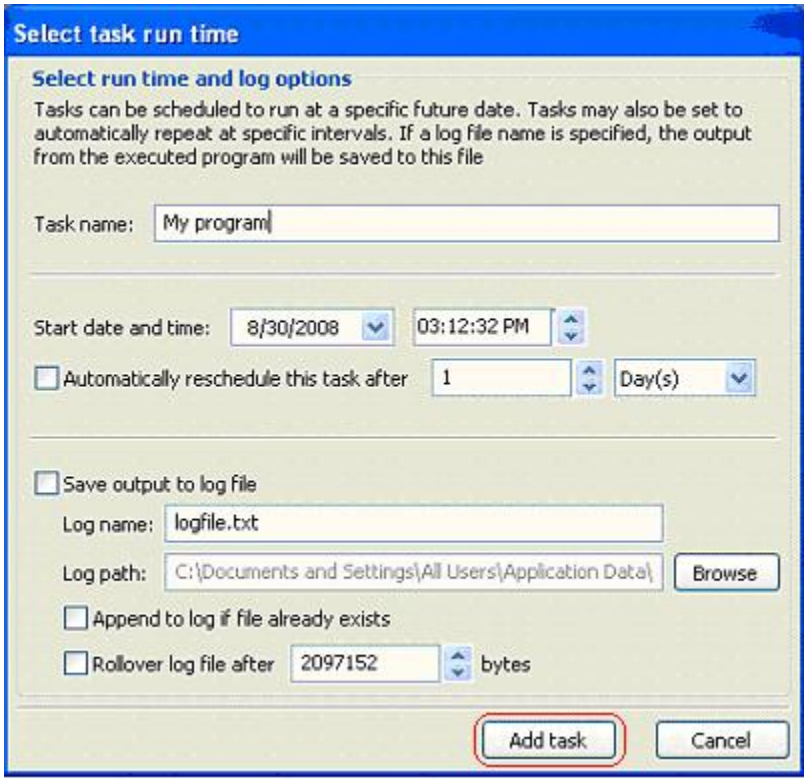

Create/Edit task
Create/Edit a task
The Sysax ftp client program or any other external program can be selected for execution. If the Sysax ftp program is selected, either a complete FTP script or a simple list of ftp commands can be executed
Run Sysax FTP client program
Run a Sysax FTP script
Script:
Browse
Set the following environment variables before running script
Name
Value
Add variable
Delete variable
Run a list of FTP commands
File:
Browse
Run external program
Program:
X:\workarea\work\Work_files\Other_files\scripts\test.fsc
Browse
Arguments:
Select start time
Cancel

Set the schedule time:
Set task run time: dialog is displayed.
In the **Set task run time:** dialog, set the following information.

1. **Set the task name.**
2. **Set the start date and name.**
3. **Set the rescheduling interval.**
4. **Set the log file name and path.**
5. **Select append to log.**
6. **Select rollover log file and size.**

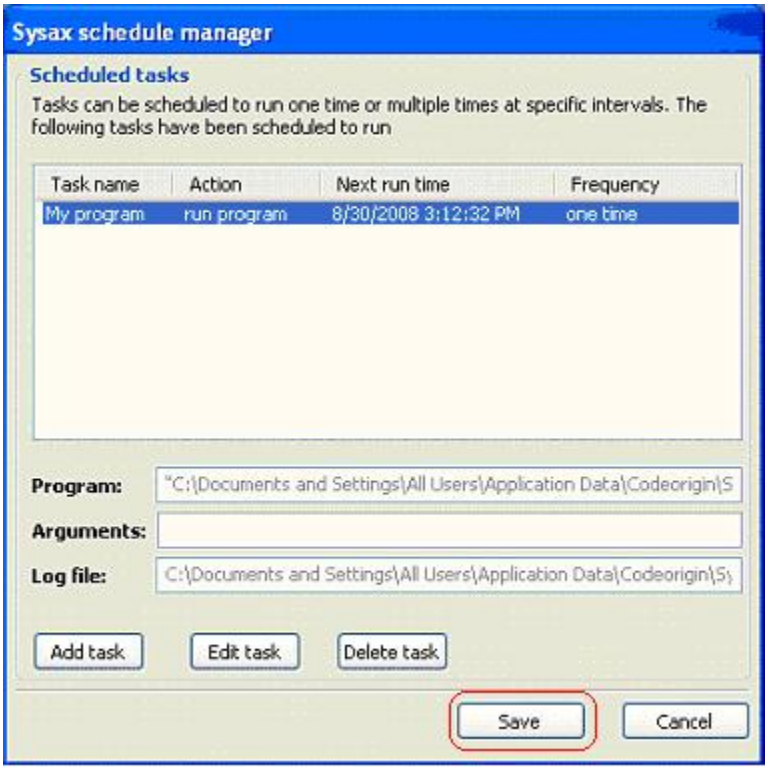
After set all settings, click **Add Task** button from the **Select start run time** dialog. It returns to the **sysax sch**

Figure 11.2. Select task run time


Select task run time
Select run time and log options
Tasks can be scheduled to run at a specific future date. Tasks may also be set to automatically repeat at specific intervals. If a log file name is specified, the output from the executed program will be saved to this file
Task name:
My program
Start date and time:
8/30/2008
03:12:32 PM
Automatically reschedule this task after
1
Day(s)
Save output to log file
Log name:
logfile.txt
Log path:
C:\Documents and Settings\All Users\Application Data\
Browse
Append to log if file already exists
Rollover log file after
2097152
bytes
Add task
Cancel

To save all settings, click **Save** button in the **Sysax Schedule Manager** dialog.

Figure 11.3. After adding task



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Executing scripts from the console

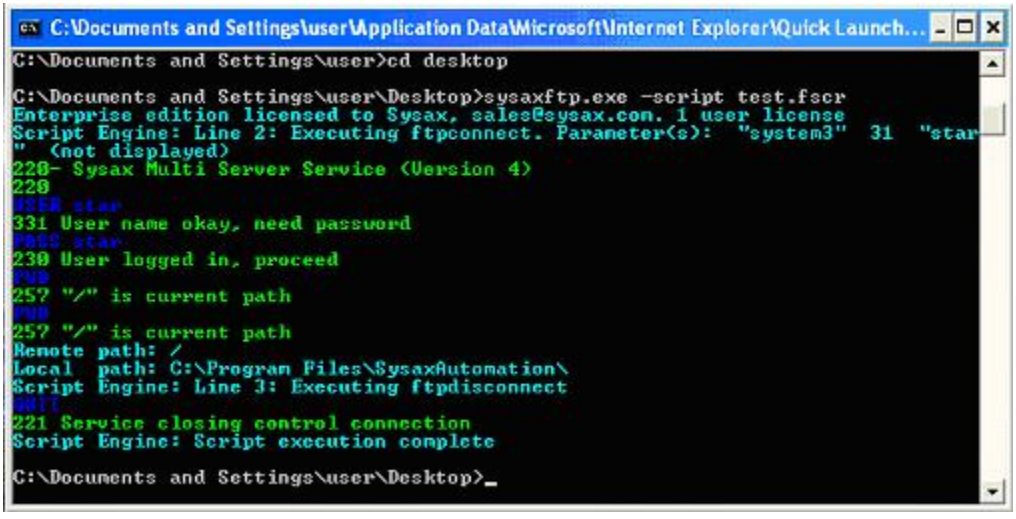
12.1. Executing scripts from the console 84

12.1. Executing scripts from the console

To execute **scripts** from the console, following these instructions:

1. Select **Command Prompt** option from **Task bar** selection.
2. Enter **script name** in sysaxftp.exe command line window.
3. Then after the **script** was started to run.

Figure 12.1. Script execute a command window


C:\Documents and Settings\user\Application Data\Microsoft\Internet Explorer\Quick Launch...
C:\Documents and Settings\user>cd desktop
C:\Documents and Settings\user\Desktop>sysaxftp.exe -script test.fscr
Enterprise edition licensed to Sysax, sales@sysax.com. 1 user license
Script Engine: Line 2: Executing ftpconnect. Parameter(s): "system3" 31 "star
" (not displayed)
220- Sysax Multi Server Service (Version 4)
220
USER star
331 User name okay, need password
PASS star
230 User logged in, proceed
PWD
257 "/" is current path
PWD
257 "/" is current path
Remote path: /
Local path: C:\Program Files\SysaxAutomation\
Script Engine: Line 3: Executing ftpdisconnect
QUIT
221 Service closing control connection
Script Engine: Script execution complete
C:\Documents and Settings\user\Desktop>

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Troubleshooting Tips

This **section** discusses **common errors** and **troubleshooting**.

Server cannot be started

The selected **FTP port** is already being used by another program. **Select** another port or quit the other application.

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Frequently Asked Questions (FAQ)

Installation and Licensing

Does Sysax FTP Automation run on Windows Vista? How about Windows 95?

Yes, Sysax FTP Automation runs on all Windows operating systems from Windows 95 to Windows Vista and Windows Server 2008.

How do I upgrade to a newer version of Sysax FTP Automation?

You need to first uninstall the older version of the product and then install the latest version that is available on the Sysax.com website. Your task settings should not be affected by the uninstallation and reinstallation.

How do I install or update a license key?

Open the Sysax FTP Automation Control panel and click the "install license" button. Select your license key file and click the "Open" button. The new license should now be installed.

How do I uninstall Sysax FTP Automation?

From the Windots "Start" menu, select the "Sysax FTP Automation" program group and click on "Uninstall Sysax FTP Automation". The uninstallation wizard will be started to complete the uninstallation of the product.

I installed the free personal edition license before my 30 day trial was up. How do I go back to the trial edition?

You can return to the trial edition within 30 days of installation by uninstalling and reinstalling the program.

What is the difference between the personal and commercial edition licenses?

The free personal edition is available for use by individuals for non commercial use. It is restricted in the number of number of script commands that can be executed for a single script and the availability of the script debugging environment. Click here to compare all three editions side by side.

Features and Benefits

How can Sysax FTP Automation help me automate my file transfers?

Sysax FTP Automation enables you to automate both simple and complicated file transfer sequences using either a simple FTP scripting language or a list of the FTP commands to execute.

Does Sysax FTP Automation support secure file transfers?

Yes, FTPS which uses SSL encryption and SFTP which uses SSH based encryption are supported in addition to regular FTP. Public key authentication and client side SSL certificates are also supported.

What is the FTP scripting language? Do I need to learn it to use your product?

The FTP scripting language consists of a list of file transfer related commands, conditional statements, and loops necessary for initiating, managing, and reporting the status of automated file transfers. Local file operations and email notification is also supported. It is not necessary to learn the scripting language because scripts can be automatically generated using the Script Wizard that ships with the product.

My script is not doing what I expect it to do. How do I debug my script?

Sysax FTP Automation ships with a script debugging environment that can be opened by clicking on the "Edit Script" button on the control panel. You can use the "step" menu item (F7) in the "Debug" menu to step through each line of the script as it is being executed.

Is the sysaxftp.exe console program a secure replacement for ftp.exe?

Yes, sysaxftp.exe is a secure drop-in replacement for the ftp.exe command line program that ships with all versions of Window. All command line options including -s:[filename] option to specify a list of FTP commands, are supported. Both SSL based SFTP and SSH based FTPS are supported for secure encrypted file transfers. To start the program, simply open the command console and type in sysaxftp.exe.

Can I run my FTP script within a batch file outside of the Sysax FTP Automation program?

Yes, you can run an ftp script within a batch file or another script by invoking sysaxftp.exe with the -script argument and specifying the name of the script file to run.

Troubleshooting and Support

I scheduled a script for execution using the sysax scheduler but the script did not execute. What am I doing wrong?.

First of all, please check if the "Save output to log file" option is checked. Otherwise the script might have executed, but you have no way of knowing. If you still have a problem, please verify that the Sysax Scheduler Service is started and running.

How do I get technical support? How do I report a bug or request a new feature?

Please click here to use our customer support system to submit a request for technical support, report a bug or request a feature.